Lampiran 1. Publikasi

INNOVARE ACADEMIC SCIENCES PVT. LTD.
B-11, Housing Colony, In front of Bimla Hospital,
Mandsaur-458001, Madhya Pradesh
www.innovareacademics.in
www.ajpcr.com

IAS/2017-18 Date : 21/01/2020

Acceptance Letter

To,

NOVA PRIMADINA[1*],
ACHMADBASORI[2],
DAVID S PERDANAKUSUMA[3]

Doctoral Degree of Airlangga University Surabaya Lecturer of Medical Faculty Muhammadiyah Surabaya University

Your manuscript AJPCR/26736/20 entitled "**PHYTOCHEMISTRY SCREENING AND GAS CHROMATOGRAPHY-MASS SPECTROMETRY(GC-MS)ANALYSIS OF BIOACTIVE COMPOUNDS PRESENT IN KARO TRADITIONAL OIL, AN INDONESIANTRADITIONAL HERBAL MEDICINE**" has accepted to publish in upcoming Journal 2020 Asian Journal of Pharmaceutical and clinical research (AJPCR). Kindly check your account and mail regularly. We appreciate your contribution and association with us.

Thanks

Dr Anuradha Jain

China Aromatherapy Association
Add: 4/F, No.80, Guangqumennei Street, Beijing, China Tel: +86 10 87109856

Page

Email: liyi@cccfna.org.cn Fax: +86 10 87109861 Http://en.aroma.chinaeasa.org

Invitation to 2019 China Aromatherapy Conference

To: Indonesian Aromatherapy Association

Dear Ms. Nova Primadina,

China Aromatherapy Association was founded in 2014, aiming at building platform for aromatic plants and essential oils resources, international academic and commercial communications, professional research and training, therapeutic and skincare application, brands and products marketing, standards and publications. CAA consists of many researchers, aroma therapists, traders for resources, products brands, training organizations and lovers for aromatherapy. CAA will hold the 2019 China Aromatherapy Conference (first international forum) on July 15-17, 2019 in Shanghai, and will invite experts, researchers and professional reports from all over the world to communicate the resources and applications, to improve the level of aromatherapy.
I am very happy to invite you from Indonesia Aromatherapy Association to join our conference, and deliver a professional speech about aromatherapy research in Indonesia, that will be very valuable to the conference.
Hope you can accept my invitation and prepare a good speech.

Thank you and hope to meet you soon in Shanghai. Li Yi

Secretary General of China Aromatherapy Association

Lampiran 2. Sertifikat Layak Etik

KOMISI ETIK PENELITIAN
FAKULTAS KEDOKTERAN HEWAN UNIVERSITAS AIRLANGGA
Animal Care and Use Committee (ACUC)

KETERANGAN KELAIKAN ETIK
" ETHICAL CLEARENCE "

No : 2.KE.032.03.2018

KOMISI ETIK PENELITIAN (*ANIMAL CARE AND USE COMMITTEE*) FAKULTAS KEDOKTERAN HEWAN UNIVERSITAS AIRLANGGA SURABAYA, TELAH MEMPELAJARI SECARA SEKSAMA RANCANGAN PENELITIAN YANG DIUSULKAN, MAKA DENGAN INI MENYATAKAN BAHWA :

PENELITIAN BERJUDUL	: Pola Proses Penyembuhan Luka Yang Diterapi Dengan Minyak Tradisional Karo Melalui Analisis Ekspresi TNF-α, TGF-β, MMP-1, VEGF, EGF Serta Kolagen dan Neovaskularisasi
PENELITI UTAMA	: Nova Primadina
UNIT/LEMBAGA/TEMPAT PENELITIAN	: Program Studi Ilmu Kedokteran Jenjang Doktor Fakultas Kedokteran Universitas Airlangga
DINYATAKAN	: LAIK ETIK

Surabaya, 1 Maret 2018

Mengetahui,
Dekan FKH-Unair,

Prof. Dr. Pudji Srianto, M.Kes.,Drh.
NIP. 19580705198601001

Ketua,

Dr. Nuadianto Triakoso, M.P.,Drh.
NIP. 196805051997021001

Lampiran 3. Hasil Pemeriksaan Screening Fitokimia dan GCMS

SKRINING FITOKIMIA SAMPEL 16-34

PROSEDUR KERJA

A. SKRINING GOLONGAN ALKALOID

1. Sampel dalam 4 mL metanol.
2. Ekstrak ditotolkan pada pelat KLT sebanyak 5 µl
   - Fase diam : Kiesel gel GF 254
   - Fase gerak : kloroform – metanol (9:1)
   - Penampak noda : Pereaksi Dragendorf
3. Jika timbul warna jingga menunjukkan adanya alkaloid dalam ekstrak.

B. SKRINING GOLONGAN TERPENOID DAN STEROID

1 Sampel dalam 4 mL metanol.
2. Uji kromatografi lapis tipis ini menggunakan :
   - Fase diam : Kiesel gel GF 254
   - Fase gerak : n-heksana - etil asetat (4 : 1)
   - Penampak noda : Anisaldehida asam sulfat
3. Adanya terpenoid/steroid ditunjukkan dengan terjadinya warna merah ungu atau ungu

C. SKRINING GOLONGAN FLAVONOID

Preparasi Sampel

Sampel dalam 4 mL metanol.

Pengujian dengan Metode Kromatografi Lapis Tipis

1. Sampel ditotolkan pada pelat KLT sebanyak 5 µl.
2. Uji kromatografi lapis tipis ini menggunakan :
   - Fase diam : lapisan tipis Kieselgel GF 254
   - Fase gerak : kloroform – metanol (9:1)
   - Penampak noda : uap ammoniak
3. Adanya flavonoid ditunjukkan dengan timbulnya noda berwarna kuning dengan penampak noda uap ammoniak.

D. SKRINING GOLONGAN POLIFENOL DAN TANNIN

Pengujian dengan Metode Kromatografi Lapis Tipis

1. Sampel ditotolkan pada pelat KLT sebanyak 5 µl.
2. Uji kromatografi lapis tipis ini menggunakan :
   - Fase diam : lapisan tipis Kiesel Gel GF 254
   - Fase gerak : klorofom – Aseton-Asam Formiat (6:6:1)
   - Penampak noda : $FeCl_3$ 2%, UV 366 nm dan 254 nm
3. Adanya polifenol ditunjukkan dengan timbulnya noda berwarna coklat hingga kehitaman dengan penampak noda $FeCl_3$.

SKRINING GOLONGAN TANIN

1. Sediakan 3 tabung A (untuk blangko), tabung B(untuk pembanding tanin) dan tabung C(untuk sampel ektrak daun jambu biji)
2. Tabung A berisi air 5mL, tabung B berisi larutan pembanding tannin dalam 5ml air, dan tabung C berisi ekstrak daun jambu biji + air 5ml.
3. Masing-masing tabung tambahkan larutan folin 1ml, vortex 1menit, diamkan selama 5menit.
4. Tambahkan 2ml natrium bicarbonate, vortex 1menit, diamkan selama 10menit.
5. Apabila larutan berwarna biru positif tanin.

E. SCREENING SENYAWA GOLONGAN SAPONIN

Uji Buih

1. Sampel sebanyak 0,25 g dilarutkan dengan 10 ml air mendidih kemudian disentrifugasi pada 5000 rpm. Supernatan diambil sebanyak 10 mL.
2. Supernatan diambil sebanyak 10 mL dan dikocok kuat selama 30 detik.
3. Tes buih positif mengandung saponin bila terjadi buih yang stabil selama lebih dari 30 menit dengan tinggi buih 1-10 cm di atas permukaan dan saat ditambahkan 1 tetes asam klorida 2N, buih tidak hilang.

HASIL

A. Hasil skrining golongan alkaloid

Pada plat KLT hasil eluasi terdapat noda berwarna jingga.

Keterangan gambar :

Fase diam	: Kiesel gel GF 254
Fase gerak	: kloroform – metanol (9:1)
Penampak noda	: Pereaksi Dragendorf

B. Hasil skrining golongan terpenoid/steroid bebas

Munculnya noda berwarna merah ungu/ungu pada uji KLT menunjukkan adanya senyawa golongan terpenoid/steroid bebas. Pada gambar terlihat bahwa sediaan memberikan noda berwarna merah ungu.

Keterangan gambar :

Fase diam	: Kiesel gel GF 254
Fase gerak	: n-heksana - etil asetat (4 : 1)
Penampak noda	: Anisaldehida asam sulfat

C. Hasil skrining golongan flavonoid

Pengujian dengan Metode Kromatografi Lapis Tipis

Adanya flavonoid pada sampel 10-34 muncul noda berwarna kuning uap ammoniak.

D. Hasil skrining golongan polifenol dan tannin

Sampel 10-34 tidak muncul noda berwarna coklat hingga kehitaman dengan penampak noda $FeCl_3$ 2% yang menandakan tidak adanya polifenol.

Setelah (+) Folin

Setelah (+) Na bicarbonat

Keterangan:

A : larutan blanko
B : larutan pembanding tannin
C : larutan sampel

Setelah penambahan folin dan Na.bicarbonat, warna larutan sampel tidak menjadi biru seperti pembanding tannin.

E. Hasil skrining golongan saponin

Pada sampel kode 10-34 tidak muncul buih di atas permukaan cairan.

5. KESIMPULAN

Sampel 10-34 mengandung senyawa golongan terpenoid/steroid dan alkaloid, namun tidak mengandung polifenol, saponin dan tannin.

Surabaya, 19 Oktober 2016
Penyelia,

Drs. Herra Studiawan, M.S.

HASIL ORGANOLEPTIS (Kode 10-33)

Bentuk	: cairan kental/minyak
Bau	: khas minyak aroma pala
Rasa	: lengket di tangan
Warna	: hijau

NO: F-04

LAPORAN HASIL UJI
No. 145 / LHU / IX / 2016

1. Tanggal / No. Surat Perintah Uji : 14.09.16 / 023 / SPU / VIII /16
2. Tanggal Selesai Uji : 15.09.16
3. Nama Sampel : Minyak Tradisional Kano
4. Kode Sampel : GC-MSD 09 – 85
5. Hasil Pemeriksaan :

No.	Parameter	Metode + BD	Hasil	Syarat	Ket
1.	Profil GC-MSD	GC-MSD	Terlampir	-	

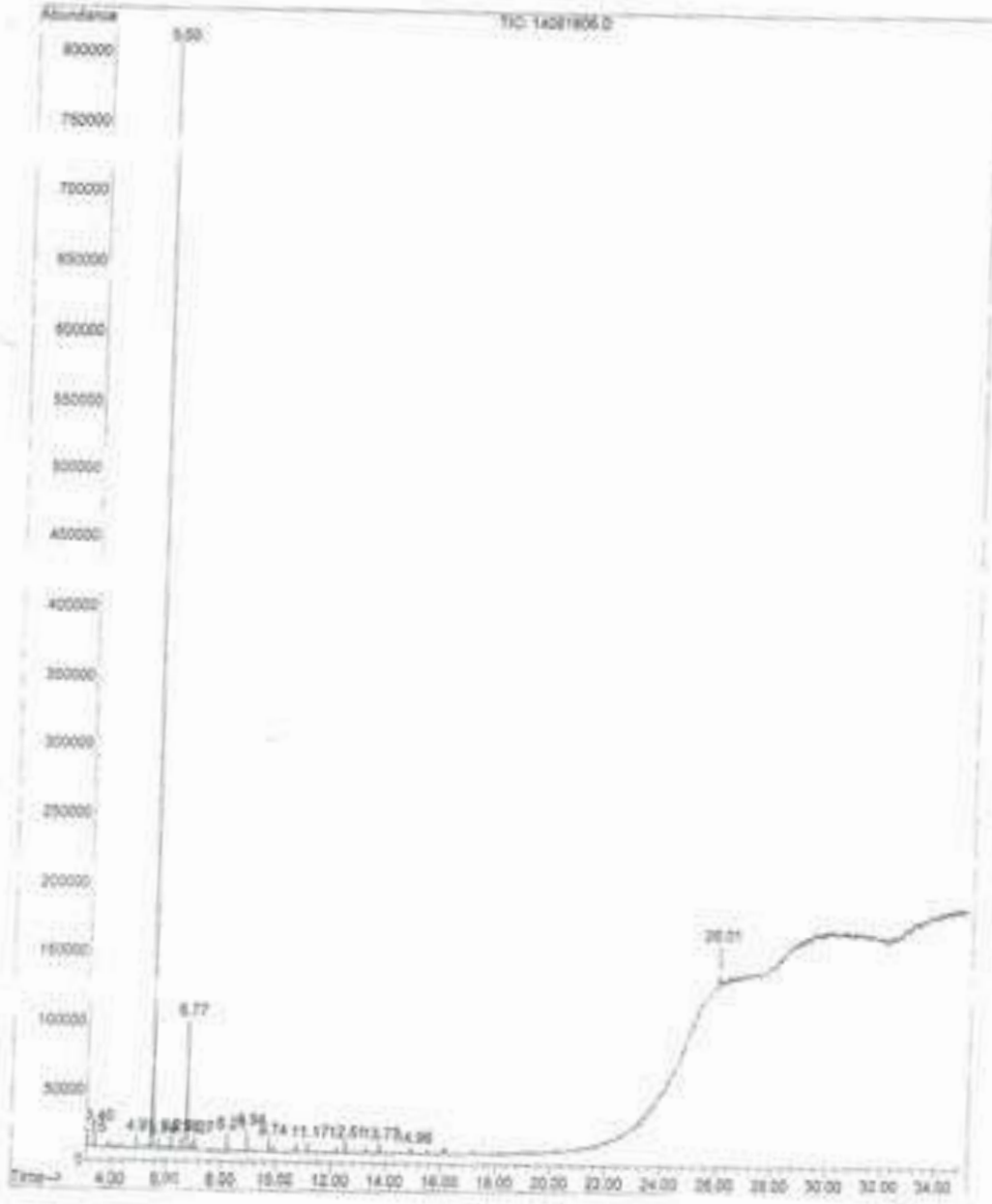
Surabaya, 15.09.16
Manajer Teknis,

Dra. Retiana, M.Sc., Apt.

Rev. 0 | Terb. 4 | Thn 11

1 / 1

File : C:\HPCHem\1\DATA\PROFILING\1409160#.D
Operator : CQQI
Acquired : 14 Sep 2016 16:54 using AcqMethod PROFILE1.M
Instrument : Instrument #1
Sample Name: 9-85
Misc Info : 1ul
Vial Number: 1



Data Path : C:\MSDChem\1\DATA\PROFILING\
Data File : I4091606.D
Acq On : 14 Sep 2016 16:54
Operator : C001
Sample : 9-85
Misc : 1ul
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 10000 Area counts
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 1 prefer < Tangent else baseline drop >
Peak separation: 1

Method : C:\MSDCHEM\1\METHODS\PROFILE1.M
Title :

Signal : TIC

peak	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.146	5	8	14	rVB	7638	13815	1.19%	0.886%
2	3.398	32	37	44	rBV2	16107	28255	2.43%	1.813%
3	4.913	206	211	216	rBB	10090	15777	1.36%	1.012%
4	5.497	272	278	286	rBB	809359	1160662	100.00%	74.470%
5	5.741	302	306	311	rVB4	8184	11499	0.99%	0.738%
6	6.211	355	360	364	rVB2	10711	16531	1.42%	1.061%
7	6.577	399	402	409	rBV	10444	17041	1.47%	1.093%
8	6.768	416	424	433	rBB	94520	149927	12.92%	9.620%
9	7.073	455	459	462	rBV3	9254	13092	1.13%	0.840%
10	8.205	580	589	595	rBV2	14120	27682	2.39%	1.776%
11	9.497	665	673	680	rBB2	16850	27530	2.37%	1.766%
12	9.738	759	765	774	rBB	9369	18104	1.56%	1.162%
13	11.166	925	929	936	rBV2	8736	15945	1.37%	1.023%
14	12.507	1073	1083	1086	rBV3	8411	15466	1.33%	0.992%
15	13.770	1221	1228	1233	rBV2	7442	13687	1.18%	0.878%
1	14.963	1359	1365	1373	rBV3	5416	13553	1.17%	0.870%

Sum of corrected areas: 1558556

PROFILE1.M Wed Sep 14 17:48:54 2016

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Data File : 14091606.D
Acq On    : 14 Sep 2016  16:54
Operator  : CD01
Sample    : 9-85
Misc      : lul
ALS Vial  : 2   Sample Multiplier: 1

Search Libraries:   C:\Database\wiley7n.l              Minimum Quality:   0

Unknown Spectrum:   Apex
Integration Events: RTE Integrator - rteint.p

Pk#     RT  Area%          Library/ID                          Ref#     CAS#   Qual
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 1   3.15  5.86 C:\Database\wiley7n.l
                Cyclohexane, 1,4-dimethyl- $$ p-Di              14052 000589-90-2 72
                methylcyclohexane $$ 1,4-Dimethylc
                yclohexane $$ 1,4-Dimethylcyclohex
                ane,cst $$ cis-trans-1,4-Dimethylc
                yclohexane $$ Hexahydroxylene $$ U
                N 2263 $$ 1,4-Dimethylcyclohexane(
                c,t)
                2-Pentene, 2,4,4-trimethyl-             13895 000107-40-4 70
                Cyclohexane, 1,3-dimethyl- $$ 1,3-      13907 000591-21-9 64
                Dimethylcyclohexane,cst $$ 1,3-Dim
                ethylcyclohexane cis-trans $$ cis,
                trans-1,3-Dimethylcyclohexane $$ m
                -Dimethylcyclohexane $$ 1,3-Dimeth
                ylcyclohexane $$ UN 2263

 2   3.40  1.76 C:\Database\wiley7n.l
                Octane (CAS) $$ n-Octane $$ Octane      15634 000111-65-9 90
                 (DOT) $$ Isooctane $$ n-C8H18 $$
                Oktan $$ Oktanen $$ Ottani $$ UN 1
                262
                Octane                                  15632 000111-65-9 90
                Octane (CAS) $$ n-Octane $$ Octane      15635 000111-65-9 90
                 (DOT) $$ Isooctane $$ n-C8H18 $$
                Oktan $$ Oktanen $$ Ottani $$ UN 1
                262

 3   4.91  8.98 C:\Database\wiley7n.l
                Nonane (CAS) $$ n-Nonane $$ Shella      25146 000111-84-2 72
                sol 140 $$ n-C9H20 $$ UN 1920 $$ NO
                NAN
                Hexane, 2,4-dimethyl- (CAS) $$ 2,4      15670 000589-43-5 72
                -Dimethylhexane $$ 2,4-DIMETHYLHEX
                AN
                Hexane, 2,4-dimethyl-                   15668 000589-43-5 72

 4   5.50 72.13 C:\Database\wiley7n.l
                .ALPHA.-PINENE, (-)- $$ Bicyclo[3.      32180 000080-56-8 97
                1.1]hept-2-ene, 2,6,6-trimethyl- (
                CAS) $$ Pinene $$ 2-Pinene $$ .alp
                ha.-Pinene $$ 2,6,6-Trimethylbicyc
                lo[3.1.1]hept-2-ene $$ .alpha.-(+)
                -Pinene $$ ALPHA-PINENE $$ ALFA-PI
                NENE $$ .alpha.-pipene $$ DIHYDRO-
                para-CYMENE (OLD
                .ALPHA.-PINENE, (-)- $$ Bicyclo[3.      32185 000080-56-8 97
                1.1]hept-2-ene, 2,6,6-trimethyl- (
                CAS) $$ Pinene $$ 2-Pinene $$ .alp
                ha.-Pinene $$ 2,6,6-Trimethylbicyc
                lo[3.1.1]hept-2-ene $$ .alpha.-(+)
                -Pinene $$ ALPHA-PINENE $$ ALFA-PI
                NENE $$ .alpha.-pipene $$ DIHYDRO-
                para-CYMENE (OLD
                .ALPHA.-PINENE, (-)- $$ Bicyclo[3.      32184 000080-56-8 96
                1.1]hept-2-ene, 2,6,6-trimethyl- (

PROFILE1.M Wed Sep 14 17:49:16 2016                                    Page: 1
```

Data Path : C:\HPDChem\1\DATA\PROFILING\
Data File : 14091604.D
Acq On : 14 Sep 2016 16:54
Operator : C001
Sample : 9-85
Misc : 1ul
ALS Vial : 1 Sample Multiplier: 1

Search Libraries: C:\Database\wiley7n.l Minimum Quality: 0

Unknown Spectrum: Apex
Integration Events: RTE Integrator - rteint.p

Peak	RT	Area%	Library/ID	Ref#	CAS#	Qual
			CAS) $$ Pinene $$ 2-Pinene $$ .alpha.-Pinene $$ 2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene $$ .alpha.-(+)-Pinene $$ ALPHA-PINENE $$ ALFA-PINENE $$ .alpha.-pipene $$ DIHYDRO-para-CYMENE (OLD			
5	5.74	2.71	C:\Database\wiley7n.l Camphene $$ Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene- $$ 2,2-Dimethyl-3-methylenebicyclo[2.2.1]heptane $$ 2,2-Dimethyl-3-methylenenorbornane $$ 3,3-Dimethyl-2-methylenenorbornane $$ 3,3-Dimethyl-2-methylenenorcamphane $$ HA 9011	32116	000079-92-5	95
			Camphene $$ Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene- (CAS) $$ 3,3-Dimethyl-2-methylenenorbornane $$ 2,2-Dimethyl-3-methylenenorbornane $$ 3,3-Dimethyl-2-methylenenorcamphane $$ 2,2-Dimethyl-3-methylenebicyclo[2.2.1]heptane $$ HA 9011 $$ CAMPHEN	32129	000079-92-5	94
			Camphene $$ Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-methylene- (CAS) $$ 3,3-Dimethyl-2-methylenenorbornane $$ 2,2-Dimethyl-3-methylenenorbornane $$ 3,3-Dimethyl-2-methylenenorcamphane $$ 2,2-Dimethyl-3-methylenebicyclo[2.2.1]heptane $$ HA 9011 $$ CAMPHEN	32117	000079-92-5	94
6	6.21	1.03	C:\Database\wiley7n.l Sabinene $$ Bicyclo[3.1.0]hexane, 4-methylene-1-(1-methylethyl)- (CAS) $$ 4(10)-Thujene $$ Sabinen $$ (+)-Sabinene $$ THUJENE, 4(10)- $$ 1-Isopropyl-4-methylenebicyclo[3.1.0]hexane	32162	003387-41-5	91
			Sabinene $$ Bicyclo[3.1.0]hexane, 4-methylene-1-(1-methylethyl)- (CAS) $$ 4(10)-Thujene $$ Sabinen $$ (+)-Sabinene $$ THUJENE, 4(10)- $$ 1-Isopropyl-4-methylenebicyclo[3.1.0]hexane	32163	003387-41-5	91
			.beta.-Pinene	32206	000127-91-3	91
7	6.58	1.06	C:\Database\wiley7n.l Decane (CAS) $$ n-Decane $$ Isodecane $$ n-C10H22 $$ UN 2247	38798	000124-18-5	79
			Nonane (CAS) $$ n-Nonane $$ Shellsol 140 $$ n-C9H20 $$ UN 1920 $$ NONAN	25154	000111-84-2	72
			Decane (CAS) $$ n-Decane $$ Isodecane $$ n-C10H22 $$ UN 2247	38807	000124-18-5	64

Data Path : C:\hpChem\1\DATA\PROFILING\
Data File : 14091606.D
Acq On : 14 Sep 2016 16:56
Operator : C001
Sample : 9-85
Misc : lul
ALS Vial : 1 Sample Multiplier: 1

Search Libraries: C:\Database\wiley7n.l Minimum Quality: 0

Unknown Spectrum: Apex
Integration Events: RTE Integrator - rteint.p

##	RT	Area%	Library/ID	Ref#	CAS#	Qual
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			.DELTA. 3 CARENE	32339	013466-78-9	96
			.DELTA.3-Carene $$ Bicyclo[4.1.0]hept-3-ene, 3,7,7-trimethyl- (CAS) $$ (+)-3-CARENE $$ .DELTA.-3-CARENE $$ 3-Carene $$ .delta.(Sup3)-Carene $$ CAR-3-ENE $$ D-3-carene $$ 3,7,7-Trimethylbicyclo[4.1.0]hept-3-ene $$ .delta. 3-carene $$ 3,7,7-Trimethylbicyclo	32244	013466-78-9	95
9	7.07	0.81	C:\Database\wiley7n.l 1-Limonene $$ Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (S)- (CAS) $$ S (-)-Limonene $$ p-Mentha-1,8-diene, (S)-(-)- $$ (-)-Limonene $$ Limonene $$ (-)-(S)-Limonene $$ (S)-Limonene $$ .beta.-Limonene $$ (S)-(-)-Limonene	32008	005989-54-8	97
			di-Limonene $$ Cyclohexene, 1-methyl-4-(1-methylethenyl)- (CAS) $$ 1-P-MENTHA-1,8-DIENE $$ Limonene $$ Cinen $$ Mesol $$ Dipenten $$ Cajeput $$ Eulimen $$ Dipenten $$ Cajeputen $$ Kautschin $$ Cajeputene $$ .alpha.-Limonene $$ p-Mentha-1,8-diene $$ 4-Isopropenyl	31993	000138-86-3	95
			Limonene	31980	000138-86-3	94
10	8.21	1.72	C:\Database\wiley7n.l Dodecane (CAS) $$ n-Dodecane $$ Petrosil-000453 $$ Adakane 12 $$ Isododecane	74387	000112-40-3	50
			Undecane (CAS) $$ n-Undecane $$ Hendecane $$ n-C11H24 $$ UN 2330	56234	001120-21-4	47
			Borane, diethylmethyl- (CAS) $$ Methyldiethylborane $$ DIETHYLMETHYL-BORANE $$ Diethylmethylborane $$ Boron, diethylmethyl- $$ HANSFETT	3358	001115-07-7	47
11	8.94	1.71	C:\Database\wiley7n.l Camphor $$ Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl- (CAS) $$ NOR BORNAN-2-ONE $$ BORNAN-2-ONE $$ 2-Bornanone $$ 2-Camphanone $$ Root bark oil $$ Camphor--natural $$ Sp	43861	000076-22-2	96

```
Data Path : C:\MSDChem\1\DATA\PROFILING\
Data File : 14091626.D
Acq On    : 14 Sep 2016  16:54
Operator  : C001
Sample    : 9-B5
Misc      : 1ul
ALS Vial  : 1   Sample Multiplier: 1

Search Libraries:   C:\Database\wiley7n.l                Minimum Quality:  0

Unknown Spectrum:   Apex
Integration Events: RTE Integrator - rteint.p
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\#	RT	Area%	Library/ID	Ref#	CAS#	Qual
			irit of camphor $$ 1,7,7-Trimethyl norcamphor $$ 1,7,7-Trimethylbicyclo[2.2.1]-2-hepta			
			Camphor	49855	000076-22-2	95
			Camphor $$ Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl- (CAS) $$ NORBORNAN-2-ONE $$ BORNAN-2-ONE $$ 2-Bornanone $$ 2-Camphanone $$ Root bark oil $$ Camphor--natural $$ Spirit of camphor $$ 1,7,7-Trimethyl norcamphor $$ 1,7,7-Trimethylbicyclo[2.2.1]-2-hepta	49868	000076-22-2	95
12	9.74	1.13	C:\Database\wiley7n.l Ether, hexyl pentyl $$ Hexane, 1-(pentyloxy)-	76907	032357-83-6	78
			Undecane (CAS) $$ n-Undecane $$ Hendecane $$ n-C11H24 $$ UN 2330	56234	001120-21-4	78
			Tridecane (CAS) $$ n-Tridecane $$ Tridecane, n-	93368	000629-50-5	72
13	11.17	0.99	C:\Database\wiley7n.l Undecane (CAS) $$ n-Undecane $$ Hendecane $$ n-C11H24 $$ UN 2330	56234	001120-21-4	78
			Hexadecane, 2-methyl- (CAS) $$ 2-Methylhexadecane $$ 15-Methylhexadecane $$ HEXADECAN, 2-METHYL-	134541	001560-92-5	72
			Tetradecane, 2-methyl- (CAS) $$ 2-Methyltetradecane	136024	001560-95-8	72
14	12.51	0.96	C:\Database\wiley7n.l Tridecane (CAS) $$ n-Tridecane $$ Tridecane, n-	93368	000629-50-5	59
			Tetradecane, 2-methyl- (CAS) $$ 2-Methyltetradecane	136024	001560-95-8	53
			Octadecane, 2-methyl- (CAS) $$ 2-Methyloctadecane $$ 17-Methyloctade	211469	001560-88-9	53
15	13.77	0.85	C:\Database\wiley7n.l Pentacosane	300500	000629-99-2	78
			Heptacosane	320660	000593-49-7	78
			Triacontane	343922	000638-68-6	72
16	14.96	0.84	C:\Database\wiley7n.l Heptadecane, 2-methyl- (CAS) $$ 2-Methylheptadecane $$ 16-Methylheptadecane $$ HEPTADECAN, 2-METHYL-	193159	001560-89-0	72
			Pentadecane, 2-methyl- (CAS) $$ 14-METHYLPENTADECANE $$ 2-Methylpentadecane	154924	001560-93-6	72
			Octadecane, 2-methyl- (CAS) $$ 2-Methyloctadecane $$ 17-Methyloctadecane	211469	001560-88-9	72

Data Path : C:\NSDChem\1\DATA\PROFILING\
Data File : 14091606.D
Acq On : 14 Sep 2016 16:54
Operator : C001
Sample : 8-85
Misc : lul
ALS Vial : 1 Sample Multiplier: 1

Search Libraries: C:\Database\wiley7n.l Minimum Quality: 0

Unknown Spectrum: Apex
Integration Events: RTE Integrator - rtelnt.p

%s	RT	Area%	Library/ID	Ref#	CAS#	Qual
IT	24.01	3.15	C:\Database\wiley7n.l Octasiloxane, 1,1,3,3,5,5,7,7,9,9,	379834	019095-24-0	52
			11,11,13,13,15,15-hexadecamethyl-			
			2,3-dihydro-6-(trifluoromethyl)-7-	226677	126157-33-9	43
			methoxy-1H-benz[e]isoindol-1-one $			
			$ 1H-Benz[e]isoindol-1-one, 2,3-di			
			hydro-7-methoxy-6-(trifluoromethyl			
			)- (CAS)			
			3-Quinolinecarboxylic acid, 6,7-di	190833	000000-00-0	43
			fluoro-1,4-dihydro-4-oxo-, ethyles			
			ter			

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Lampiran 4. Hasil Uji Statistik

Sel Radang hari ke-1

Descriptives

selradang

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kelompok kontrol negatif	6	.4667	.48442	.19777	-.0417	.9750	.00	1.20
kelompok kontrol positif	6	1.1333	.46762	.19090	.6426	1.6241	.60	2.00
kelompok perlakuan	6	1.8333	.55737	.22755	1.2484	2.4183	1.00	2.40
Total	18	1.1444	.74457	.17550	.7742	1.5147	.00	2.40

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	kelompok	Statistic	df	Sig.	Statistic	df	Sig.
selradang	kelompok kontrol negatif	.209	6	.200*	.907	6	.415
	kelompok kontrol positif	.279	6	.159	.836	6	.122
	kelompok perlakuan	.179	6	.200*	.925	6	.540

Test of Homogeneity of Variances

selradang

Levene Statistic	df1	df2	Sig.
.312	2	15	.737

ANOVA

selradang

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	5.604	2	2.802	11.003	.001
Within Groups	3.820	15	.255		
Total	9.424	17			

Post Hoc Tests

Sel

Multiple Comparisons

Dependent Variable: selradang

LSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol negatif	kontrol positif	-.66667*	.29136	.037	-1.2877	-.0457
	perlakuan	-1.36667*	.29136	.000	-1.9877	-.7457
kontrol positif	kontrol negatif	.66667*	.29136	.037	.0457	1.2877
	perlakuan	-.70000*	.29136	.030	-1.3210	-.0790
Perlakuan	kontrol negatif	1.36667*	.29136	.000	.7457	1.9877
	kontrol positif	.70000*	.29136	.030	.0790	1.3210

*. The mean difference is significant at the 0.05 level.

Radang hari ke-3

Ranks

	kelompok	N	Mean Rank
selradang	kelompok kontrol negatif	6	10.42
	kelompok kontrol positif	6	8.33
	kelompok perlakuan	6	9.75
	Total	18	

Tests of Normality

	Kelompok	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
selradang	kelompok kontrol negatif	.225	6	.200*	.921	6	.515
	kelompok kontrol positif	.252	6	.200*	.849	6	.155
	kelompok perlakuan	.333	6	.036	.780	6	.039

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Test Statistics[a,b]

	selradang
Chi-Square	.481
df	2
Asymp. Sig.	.786

a. Kruskal Wallis Test

b. Grouping Variable: kelompok

Sel radang hari ke-7

Descriptives

selradang

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol negatif	6	1.5667	.79415	.32421	.7333	2.4001	.40	2.60
kontrol positif	6	2.0667	.79666	.32523	1.2306	2.9027	1.00	3.00
Perlakuan	6	2.1333	1.00133	.40879	1.0825	3.1842	.80	3.00
Total	18	1.9222	.85719	.20204	1.4960	2.3485	.40	3.00

Test of Homogeneity of Variances

selradang

Levene Statistic	df1	df2	Sig.
.414	2	15	.668

ANOVA

selradang

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	1.151	2	.576	.761	.484
Within Groups	11.340	15	.756		
Total	12.491	17			

TNF-α hari ke-1

Descriptives

TNF_alpha

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol negatif	6	3.4000	1.17983	.48166	2.1618	4.6382	1.60	4.80
kontrol positif	6	2.9000	.83666	.34157	2.0220	3.7780	1.60	4.00
Perlakuan	6	1.3333	.43205	.17638	.8799	1.7867	.60	1.80
Total	18	2.5444	1.22100	.28779	1.9373	3.1516	.60	4.80

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	kelompok	Statistic	df	Sig.	Statistic	df	Sig.
TNF_alpha	kontrol negatif	.234	6	.200*	.928	6	.568
	kontrol positif	.140	6	.200*	.988	6	.982
	perlakuan	.231	6	.200*	.905	6	.405

Test of Homogeneity of Variances

TNF_alpha

Levene Statistic	df1	df2	Sig.

2.619	2	15	.106

ANOVA

TNF_alpha

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	13.951	2	6.976	9.184	.002
Within Groups	11.393	15	.760		
Total	25.344	17			

Multiple Comparisons

Dependent Variable: TNF_alpha

LSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol negatif	kontrol positif	.50000	.50318	.336	-.5725	1.5725
	perlakuan	2.06667*	.50318	.001	.9942	3.1392
kontrol positif	kontrol negatif	-.50000	.50318	.336	-1.5725	.5725
	perlakuan	1.56667*	.50318	.007	.4942	2.6392
Perlakuan	kontrol negatif	-2.06667*	.50318	.001	-3.1392	-.9942
	kontrol positif	-1.56667*	.50318	.007	-2.6392	-.4942

*. The mean difference is significant at the 0.05 level.

TNF-α hari ke-3

Descriptives

TNFalpha

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol negatif	6	1.5000	.60332	.24631	.8669	2.1331	.60	2.40
kontrol positif	6	1.5333	.16330	.06667	1.3620	1.7047	1.40	1.80
Perlakuan	6	1.0667	.53166	.21705	.5087	1.6246	.40	1.60
Total	18	1.3667	.49587	.11688	1.1201	1.6133	.40	2.40

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	kelompok	Statistic	df	Sig.	Statistic	df	Sig.

TNFalpha	kontrol negatif	.143	6	.200*	.992	6	.993
	kontrol positif	.293	6	.117	.822	6	.091
	perlakuan	.235	6	.200*	.864	6	.204

Test of Homogeneity of Variances

TNFalpha

Levene Statistic	df1	df2	Sig.
3.669	2	15	.050

ANOVA

TNFalpha

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.813	2	.407	1.812	.197
Within Groups	3.367	15	.224		
Total	4.180	17			

TNF-α hari ke-7

Descriptives

TNFalpha

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol negatif	6	1.9000	.41473	.16931	1.4648	2.3352	1.40	2.60
kontrol positif	6	3.4333	1.46652	.59870	1.8943	4.9723	1.80	5.40
Perlakuan	6	.9000	.37417	.15275	.5073	1.2927	.60	1.60
Total	18	2.0778	1.36879	.32263	1.3971	2.7585	.60	5.40

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	kelompok	Statistic	df	Sig.	Statistic	df	Sig.
TNFalpha	kontrol negatif	.238	6	.200*	.945	6	.700
	kontrol positif	.215	6	.200*	.923	6	.527
	perlakuan	.272	6	.187	.815	6	.080

Test of Homogeneity of Variances

TNFalpha

Levene Statistic	df1	df2	Sig.
12.207	2	15	.001

ANOVA

TNFalpha

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	19.538	2	9.769	11.900	.001
Within Groups	12.313	15	.821		
Total	31.851	17			

Robust Tests of Equality of Means

TNFalpha

	Statistic[a]	df1	df2	Sig.
Brown-Forsythe	11.900	2	6.487	.007

a. Asymptotically F distributed.

Multiple Comparisons

Dependent Variable: TNFalpha

LSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol negatif	kontrol positif	-1.53333*	.52310	.010	-2.6483	-.4184
	perlakuan	1.00000	.52310	.075	-.1150	2.1150
kontrol positif	kontrol negatif	1.53333*	.52310	.010	.4184	2.6483
	perlakuan	2.53333*	.52310	.000	1.4184	3.6483
Perlakuan	kontrol negatif	-1.00000	.52310	.075	-2.1150	.1150
	kontrol positif	-2.53333*	.52310	.000	-3.6483	-1.4184

*. The mean difference is significant at the 0.05 level.

IL-10 hari ke-1

Descriptives

IL10

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol negatif	6	3.8000	1.80665	.73756	1.9040	5.6960	1.80	6.80
kontrol positif	6	3.4000	1.01980	.41633	2.3298	4.4702	1.80	4.60

Perlakuan	6	1.4333	.70899	.28944	.6893	2.1774	.80	2.80
Total	18	2.8778	1.59579	.37613	2.0842	3.6713	.80	6.80

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	kelompok	Statistic	df	Sig.	Statistic	df	Sig.
IL10	kontrol negatif	.167	6	.200*	.952	6	.756
	kontrol positif	.153	6	.200*	.970	6	.895
	perlakuan	.352	6	.019	.798	6	.056

Test of Homogeneity of Variances

IL10

Levene Statistic	df1	df2	Sig.
2.126	2	15	.154

ANOVA

IL10

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	19.258	2	9.629	6.010	.012
Within Groups	24.033	15	1.602		
Total	43.291	17			

Multiple Comparisons

Dependent Variable: IL10

LSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol negatif	kontrol positif	.40000	.73080	.592	-1.1577	1.9577
	perlakuan	2.36667*	.73080	.006	.8090	3.9243
kontrol positif	kontrol negatif	-.40000	.73080	.592	-1.9577	1.1577
	perlakuan	1.96667*	.73080	.017	.4090	3.5243
perlakuan	kontrol negatif	-2.36667*	.73080	.006	-3.9243	-.8090
	kontrol positif	-1.96667*	.73080	.017	-3.5243	-.4090

*. The mean difference is significant at the 0.05 level.

IL-10 hari ke-3

Descriptives

IL10

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	Minimum	Maximum

					Lower Bound	Upper Bound		
kontrol negatif	6	3.3333	.85479	.34897	2.4363	4.2304	2.40	4.40
kontrol positif	6	3.6667	1.37792	.56253	2.2206	5.1127	2.20	5.80
Perlakuan	6	2.4333	.75277	.30732	1.6433	3.2233	1.40	3.40
Total	18	3.1444	1.10784	.26112	2.5935	3.6954	1.40	5.80

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	kelompok	Statistic	df	Sig.	Statistic	df	Sig.
IL10	kontrol negatif	.207	6	.200*	.892	6	.331
	kontrol positif	.235	6	.200*	.915	6	.468
	perlakuan	.184	6	.200*	.950	6	.739

Test of Homogeneity of Variances

IL10

Levene Statistic	df1	df2	Sig.
1.699	2	15	.216

ANOVA

IL10

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	4.884	2	2.442	2.292	.135
Within Groups	15.980	15	1.065		
Total	20.864	17			

IL-10 hari ke-7

Test of Homogeneity of Variances

IL10

Levene Statistic	df1	df2	Sig.
.577	2	15	.574

ANOVA

IL10

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	23.804	2	11.902	9.537	.002
Within Groups	18.720	15	1.248		
Total	42.524	17			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: IL10

LSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol negatif	kontrol positif	-.20000	.64498	.761	-1.5747	1.1747
	perlakuan	-2.53333*	.64498	.001	-3.9081	-1.1586
kontrol positif	kontrol negatif	.20000	.64498	.761	-1.1747	1.5747
	perlakuan	-2.33333*	.64498	.003	-3.7081	-.9586
Perlakuan	kontrol negatif	2.53333*	.64498	.001	1.1586	3.9081
	kontrol positif	2.33333*	.64498	.003	.9586	3.7081

*. The mean difference is significant at the 0.05 level.

Angiogenesis hari ke-1

Descriptives

angiogenesis

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol negatif	6	11.5000	3.14643	1.28452	8.1980	14.8020	8.00	17.00
kontrol positif	6	15.1667	7.05455	2.88001	7.7634	22.5700	9.00	28.00
Perlakuan	6	22.5000	6.28490	2.56580	15.9044	29.0956	16.00	32.00
Total	18	16.3889	7.16313	1.68837	12.8267	19.9510	8.00	32.00

Tests of Normality

	kelompok	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
angiogenesis	kontrol negatif	.270	6	.195	.912	6	.446
	kontrol positif	.232	6	.200*	.861	6	.193
	perlakuan	.211	6	.200*	.928	6	.562

ANOVA

angiogenesis

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	376.444	2	188.222	5.694	.014
Within Groups	495.833	15	33.056		
Total	872.278	17			

Multiple Comparisons

Dependent Variable: angiogenesis

LSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol negatif	kontrol positif	-3.66667	3.31942	.287	-10.7418	3.4085
	perlakuan	-11.00000*	3.31942	.005	-18.0752	-3.9248
kontrol positif	kontrol negatif	3.66667	3.31942	.287	-3.4085	10.7418
	perlakuan	-7.33333*	3.31942	.043	-14.4085	-.2582
perlakuan	kontrol negatif	11.00000*	3.31942	.005	3.9248	18.0752
	kontrol positif	7.33333*	3.31942	.043	.2582	14.4085

Angiogenesis hari ke-3

Descriptives

angiogenesis

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol negatif	6	21.5000	4.72229	1.92787	16.5443	26.4557	16.00	29.00
kontrol positif	6	23.0000	5.83095	2.38048	16.8808	29.1192	16.00	33.00
Perlakuan	6	29.6667	4.67618	1.90904	24.7593	34.5740	23.00	36.00
Total	18	24.7222	6.02744	1.42068	21.7248	27.7196	16.00	36.00

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Kelompok	Statistic	df	Sig.	Statistic	df	Sig.
angiogenesis	kontrol negatif	.209	6	.200*	.937	6	.632
	kontrol positif	.199	6	.200*	.949	6	.734
	Perlakuan	.195	6	.200*	.975	6	.923

Test of Homogeneity of Variances

angiogenesis

Levene Statistic	df1	df2	Sig.
.056	2	15	.946

ANOVA

angiogenesis

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	226.778	2	113.389	4.352	.032
Within Groups	390.833	15	26.056		
Total	617.611	17			

Multiple Comparisons

Dependent Variable: angiogenesis

LSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol negatif	kontrol positif	-1.50000	2.94706	.618	-7.7815	4.7815
	perlakuan	-8.16667*	2.94706	.014	-14.4482	-1.8851
kontrol positif	kontrol negatif	1.50000	2.94706	.618	-4.7815	7.7815
	perlakuan	-6.66667*	2.94706	.039	-12.9482	-.3851
perlakuan	kontrol negatif	8.16667*	2.94706	.014	1.8851	14.4482
	kontrol positif	6.66667*	2.94706	.039	.3851	12.9482

*. The mean difference is significant at the 0.05 level.

Angiogenesis hari ke-7

Descriptives

angiogenesis

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol negatif	6	22.8333	6.79461	2.77389	15.7028	29.9638	13.00	33.00
kontrol positif	6	22.8333	7.73089	3.15612	14.7203	30.9464	13.00	34.00
Perlakuan	6	17.0000	4.00000	1.63299	12.8023	21.1977	13.00	23.00
Total	18	20.8889	6.62339	1.56115	17.5952	24.1826	13.00	34.00

Tests of Normality

	Kelompok	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
angiogenesis	kontrol negatif	.235	6	.200*	.952	6	.757
	kontrol positif	.159	6	.200*	.971	6	.897
	Perlakuan	.273	6	.182	.896	6	.352

Test of Homogeneity of Variances

angiogenesis

Levene Statistic	df1	df2	Sig.
1.057	2	15	.372

ANOVA

angiogenesis

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	136.111	2	68.056	1.674	.221

Within Groups	609.667	15	40.644		
Total	745.778	17			

Multiple Comparisons

Dependent Variable: angiogenesis

LSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol negatif	kontrol positif	.00000	3.68078	1.000	-7.8454	7.8454
	perlakuan	5.83333	3.68078	.134	-2.0121	13.6787
kontrol positif	kontrol negatif	.00000	3.68078	1.000	-7.8454	7.8454
	perlakuan	5.83333	3.68078	.134	-2.0121	13.6787
perlakuan	kontrol negatif	-5.83333	3.68078	.134	-13.6787	2.0121
	kontrol positif	-5.83333	3.68078	.134	-13.6787	2.0121

VEGF hari ke-1

Descriptives

VEGF

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol negatif	6	2.2333	.52789	.21551	1.6793	2.7873	1.40	3.00
kontrol positif	6	1.0667	.20656	.08433	.8499	1.2834	.80	1.40
Perlakuan	6	1.7333	.68896	.28127	1.0103	2.4564	.80	2.60
Total	18	1.6778	.68989	.16261	1.3347	2.0209	.80	3.00

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	Df	Sig.	Statistic	df	Sig.
VEGF	.156	18	.200*	.924	18	.150

Test of Homogeneity of Variances

VEGF

Levene Statistic	df1	df2	Sig.
2.441	2	15	.121

ANOVA

VEGF

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	4.111	2	2.056	7.747	.005

Within Groups	3.980	15	.265		
Total	8.091	17			

Multiple Comparisons

Dependent Variable: VEGF

LSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol negatif	kontrol positif	1.16667*	.29740	.001	.5328	1.8006
	perlakuan	.50000	.29740	.113	-.1339	1.1339
kontrol positif	kontrol negatif	-1.16667*	.29740	.001	-1.8006	-.5328
	perlakuan	-.66667*	.29740	.041	-1.3006	-.0328
perlakuan	kontrol negatif	-.50000	.29740	.113	-1.1339	.1339
	kontrol positif	.66667*	.29740	.041	.0328	1.3006

*. The mean difference is significant at the 0.05 level.

VEGF hari ke-3

Descriptives

VEGF

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol negatif	6	2.2000	1.60000	.65320	.5209	3.8791	.80	5.20
kontrol positif	6	2.3333	.98522	.40222	1.2994	3.3673	1.20	3.80
Perlakuan	6	2.9000	.92736	.37859	1.9268	3.8732	1.80	4.40
Total	18	2.4778	1.17851	.27778	1.8917	3.0638	.80	5.20

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
VEGF	.149	18	.200*	.952	18	.463

Test of Homogeneity of Variances

VEGF

Levene Statistic	df1	df2	Sig.
.393	2	15	.682

ANOVA

VEGF

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1.658	2	.829	.566	.579

Within Groups	21.953	15	1.464		
Total	23.611	17			

Multiple Comparisons

Dependent Variable: VEGF

LSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol negatif	kontrol positif	-.13333	.69846	.851	-1.6221	1.3554
	perlakuan	-.70000	.69846	.332	-2.1887	.7887
kontrol positif	kontrol negatif	.13333	.69846	.851	-1.3554	1.6221
	perlakuan	-.56667	.69846	.430	-2.0554	.9221
Perlakuan	kontrol negatif	.70000	.69846	.332	-.7887	2.1887
	kontrol positif	.56667	.69846	.430	-.9221	2.0554

VEGF hari ke-7

Tests of Normality

	kelompok	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
VEGF	kontrol negatif	.188	6	.200*	.940	6	.660
	kontrol positif	.261	6	.200*	.739	6	.015
	perlakuan	.289	6	.128	.918	6	.489

Ranks

	Kelompok	N	Mean Rank
VEGF	kelompok kontrol negatif	6	14.33
	kelompok kontrol positif	6	7.75
	kelompok perlakuan	6	6.42
	Total	18	

Test Statistics[a,b]

	VEGF
Chi-Square	7.732
Df	2
Asymp. Sig.	.021

a. Kruskal Wallis Test

Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
VEGF	kelompok kontrol negatif	6	8.83	53.00
	kelompok kontrol positif	6	4.17	25.00

	Total	12		

Test Statistics[a]

	VEGF
Mann-Whitney U	4.000
Wilcoxon W	25.000
Z	-2.266
Asymp. Sig. (2-tailed)	.023
Exact Sig. [2*(1-tailed Sig.)]	.026[b]

Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
VEGF	kelompok kontrol negatif	6	9.00	54.00
	kelompok perlakuan	6	4.00	24.00
	Total	12		

Test Statistics[a]

	VEGF
Mann-Whitney U	3.000
Wilcoxon W	24.000
Z	-2.419
Asymp. Sig. (2-tailed)	.016
Exact Sig. [2*(1-tailed Sig.)]	.015[b]

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
VEGF	kelompok kontrol positif	6	7.08	42.50
	kelompok perlakuan	6	5.92	35.50
	Total	12		

Test Statistics[a]

	VEGF
Mann-Whitney U	14.500
Wilcoxon W	35.500
Z	-.575
Asymp. Sig. (2-tailed)	.566
Exact Sig. [2*(1-tailed Sig.)]	.589[b]

Densitas Kolagen H-1

Descriptives

densitas_kolagen

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		

kontrol negatif	6	2.0667	.87331	.35653	1.1502	2.9831	1.00	3.00
kontrol positif	6	2.2333	.52789	.21551	1.6793	2.7873	1.20	2.60
Perlakuan	6	1.7000	.56214	.22949	1.1101	2.2899	1.00	2.20
Total	18	2.0000	.67213	.15842	1.6658	2.3342	1.00	3.00

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	kelompok	Statistic	df	Sig.	Statistic	df	Sig.
densitas_ kolagen	kontrol negatif	.191	6	.200*	.892	6	.328
	kontrol positif	.308	6	.078	.736	6	.014
	perlakuan	.237	6	.200*	.803	6	.062

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Test Statistics[a,b]

	densitas_kolagen
Chi-Square	3.380
Df	2
Asymp. Sig.	.184

a. Kruskal Wallis Test

Densitas Kolagen hari ke-3

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	kelompok	Statistic	df	Sig.	Statistic	df	Sig.
densitas_ kolagen	kontrol negatif	.333	6	.036	.721	6	.010
	kontrol positif	.180	6	.200*	.920	6	.505
	perlakuan	.195	6	.200*	.861	6	.191

Ranks

	Kelompok	N	Mean Rank
densitas_kolagen	kelompok kontrol negatif	6	6.33
	kelompok kontrol positif	6	8.42
	kelompok perlakuan	6	13.75
	Total	18	

Test Statistics[a,b]

	densitas_kolagen
Chi-Square	6.385

Page

Df	2
Asymp. Sig.	.041

a. Kruskal Wallis Test

Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
densitas_kolagen	kelompok kontrol negatif	6	5.75	34.50
	kelompok kontrol positif	6	7.25	43.50
	Total	12		

Test Statistics[a]

	densitas_kolagen
Mann-Whitney U	13.500
Wilcoxon W	34.500
Z	-.754
Asymp. Sig. (2-tailed)	.451
Exact Sig. [2*(1-tailed Sig.)]	.485[b]

Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
densitas_kolagen	kelompok kontrol positif	6	4.67	28.00
	kelompok perlakuan	6	8.33	50.00
	Total	12		

Test Statistics[a]

	densitas_kolagen
Mann-Whitney U	7.000
Wilcoxon W	28.000
Z	-1.787
Asymp. Sig. (2-tailed)	.074
Exact Sig. [2*(1-tailed Sig.)]	.093[b]

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
densitas_kolagen	kelompok kontrol negatif	6	4.08	24.50
	kelompok perlakuan	6	8.92	53.50
	Total	12		

Test Statistics[a]

	densitas_kolagen
Mann-Whitney U	3.500

Wilcoxon W	24.500
Z	-2.355
Asymp. Sig. (2-tailed)	.019
Exact Sig. [2*(1-tailed Sig.)]	.015[b]

Densitas Kolagen H-7

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	kelompok	Statistic	df	Sig.	Statistic	df	Sig.
densitas_kolagen	kontrol negatif	.246	6	.200*	.918	6	.489
	kontrol positif	.191	6	.200*	.937	6	.638
	perlakuan	.293	6	.117	.766	6	.029

Ranks

	kelompok	N	Mean Rank
densitas_kolagen	kelompok kontrol negatif	6	13.92
	kelompok kontrol positif	6	9.17
	kelompok perlakuan	6	5.42
	Total	18	

Test Statistics[a,b]

	densitas_kolagen
Chi-Square	7.777
df	2
Asymp. Sig.	.020

a. Kruskal Wallis Test

Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
densitas_kolagen	kelompok kontrol negatif	6	8.33	50.00
	kelompok kontrol positif	6	4.67	28.00
	Total	12		

Test Statistics[a]

	densitas_kolagen
Mann-Whitney U	7.000
Wilcoxon W	28.000
Z	-1.771
Asymp. Sig. (2-tailed)	.077

Exact Sig. [2*(1-tailed Sig.)]	.093[b]

Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
densitas_kolagen	kelompok kontrol positif	6	8.00	48.00
	kelompok perlakuan	6	5.00	30.00
	Total	12		

Test Statistics[a]

	densitas_kolagen
Mann-Whitney U	9.000
Wilcoxon W	30.000
Z	-1.472
Asymp. Sig. (2-tailed)	.141
Exact Sig. [2*(1-tailed Sig.)]	.180[b]

Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
densitas_kolagen	kelompok kontrol negatif	6	9.08	54.50
	kelompok perlakuan	6	3.92	23.50
	Total	12		

Test Statistics[a]

	densitas_kolagen
Mann-Whitney U	2.500
Wilcoxon W	23.500
Z	-2.513
Asymp. Sig. (2-tailed)	.012
Exact Sig. [2*(1-tailed Sig.)]	.009[b]

MMP-1 hari ke-1

Descriptives

MMP1

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol negatif	6	1.1667	.55737	.22755	.5817	1.7516	.60	2.00
kontrol positif	6	2.0000	1.04307	.42583	.9054	3.0946	.60	3.20
Perlakuan	6	2.3167	1.50255	.61341	.7398	3.8935	.50	4.80
Total	18	1.8278	1.15086	.27126	1.2555	2.4001	.50	4.80

Test of Homogeneity of Variances

MMP1

Levene Statistic	df1	df2	Sig.
2.144	2	15	.152

ANOVA

MMP1

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	4.234	2	2.117	1.737	.210
Within Groups	18.282	15	1.219		
Total	22.516	17			

Multiple Comparisons

Dependent Variable: MMP1

LSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol negatif	kontrol positif	-.83333	.63738	.211	-2.1919	.5252
	perlakuan	-1.15000	.63738	.091	-2.5086	.2086
kontrol positif	kontrol negatif	.83333	.63738	.211	-.5252	2.1919
	perlakuan	-.31667	.63738	.627	-1.6752	1.0419
perlakuan	kontrol negatif	1.15000	.63738	.091	-.2086	2.5086
	kontrol positif	.31667	.63738	.627	-1.0419	1.6752

MMP-1 hari ke-3

Descriptives

MMP1

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol negatif	6	1.3667	.82381	.33632	.5021	2.2312	.40	2.80
kontrol positif	6	.3667	.23381	.09545	.1213	.6120	.00	.60
perlakuan	6	2.5000	.89219	.36423	1.5637	3.4363	1.60	4.20
Total	18	1.4111	1.11982	.26394	.8542	1.9680	.00	4.20

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	kelompok	Statistic	df	Sig.	Statistic	df	Sig.

MMP1	kontrol negatif	.222	6	.200*	.939	6	.654
	kontrol positif	.223	6	.200*	.908	6	.421
	perlakuan	.378	6	.008	.800	6	.058

Test of Homogeneity of Variances

MMP1

Levene Statistic	df1	df2	Sig.
1.259	2	15	.312

ANOVA

MMP1

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	13.671	2	6.836	13.409	.000
Within Groups	7.647	15	.510		
Total	21.318	17			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: MMP1

LSD

(I) kelompok	(J) kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
kontrol negatif	kontrol positif	1.00000*	.41222	.028	.1214	1.8786
	perlakuan	-1.13333*	.41222	.015	-2.0120	-.2547
kontrol positif	kontrol negatif	-1.00000*	.41222	.028	-1.8786	-.1214
	perlakuan	-2.13333*	.41222	.000	-3.0120	-1.2547
perlakuan	kontrol negatif	1.13333*	.41222	.015	.2547	2.0120
	kontrol positif	2.13333*	.41222	.000	1.2547	3.0120

*. The mean difference is significant at the 0.05 level.

MMP-1 hari ke-7

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	kelompok	Statistic	df	Sig.	Statistic	df	Sig.
MMP1	kelompok kontrol negatif	.354	6	.018	.776	6	.035
	kelompok kontrol positif	.195	6	.200*	.956	6	.791
	kelompok perlakuan	.176	6	.200*	.953	6	.762

Ranks

Page

	kelompok	N	Mean Rank
MMP1	kelompok kontrol negatif	6	7.25
	kelompok kontrol positif	6	7.83
	kelompok perlakuan	6	13.42
	Total	18	

Test Statistics[a,b]

	MMP1
Chi-Square	4.936
Df	2
Asymp. Sig.	.085

a. Kruskal Wallis Test

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
MMP1	kelompok kontrol negatif	6	4.42	26.50
	kelompok perlakuan	6	8.58	51.50
	Total	12		

Test Statistics[a]

	MMP1
Mann-Whitney U	5.500
Wilcoxon W	26.500
Z	-2.012
Asymp. Sig. (2-tailed)	.044
Exact Sig. [2*(1-tailed Sig.)]	.041[b]

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
MMP1	kelompok kontrol positif	6	4.67	28.00
	kelompok perlakuan	6	8.33	50.00
	Total	12		

Test Statistics[a]

	MMP1
Mann-Whitney U	7.000
Wilcoxon W	28.000
Z	-1.768
Asymp. Sig. (2-tailed)	.077
Exact Sig. [2*(1-tailed Sig.)]	.093[b]

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
MMP1	kelompok kontrol negatif	6	6.33	38.00
	kelompok kontrol positif	6	6.67	40.00
	Total	12		

Test Statistics[a]

	MMP1
Mann-Whitney U	17.000
Wilcoxon W	38.000
Z	-.162
Asymp. Sig. (2-tailed)	.871
Exact Sig. [2*(1-tailed Sig.)]	.937[b]

TGF-β hari ke-1

Descriptives

TGFbeta

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol negatif	6	2.2000	1.04307	.42583	1.1054	3.2946	1.20	3.60
kontrol positif	6	2.8667	2.15283	.87889	.6074	5.1259	1.00	6.80
perlakuan	6	3.7333	1.94594	.79443	1.6912	5.7755	2.00	6.80
Total	18	2.9333	1.79280	.42257	2.0418	3.8249	1.00	6.80

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	kelompok	Statistic	df	Sig.	Statistic	df	Sig.
TGFbeta	kontrol negatif	.243	6	.200*	.842	6	.135
	kontrol positif	.236	6	.200*	.856	6	.175
	perlakuan	.235	6	.200*	.869	6	.220

Test of Homogeneity of Variances

TGFbeta

Levene Statistic	df1	df2	Sig.
1.020	2	15	.384

ANOVA

TGFbeta

	Sum of Squares	df	Mean Square	F	Sig.

Between Groups	7.093	2	3.547	1.119	.352
Within Groups	47.547	15	3.170		
Total	54.640	17			

TGF-β hari ke-3

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Kelompok	Statistic	df	Sig.	Statistic	df	Sig.
TGFb	kontrol negatif	.350	6	.020	.652	6	.002
	kontrol positif	.264	6	.200*	.842	6	.135
	perlakuan	.183	6	.200*	.890	6	.320

Ranks

	Kelompok	N	Mean Rank
TGFb	kelompok kontrol negatif	6	13.00
	kelompok kontrol positif	6	9.25
	kelompok perlakuan	6	6.25
	Total	18	

Test Statistics[a,b]

	TGFb
Chi-Square	4.902
Df	2
Asymp. Sig.	.086

a. Kruskal Wallis Test

Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
TGFb	kelompok kontrol negatif	6	8.67	52.00
	kelompok perlakuan	6	4.33	26.00
	Total	12		

Test Statistics[a]

	TGFb
Mann-Whitney U	5.000
Wilcoxon W	26.000
Z	-2.127
Asymp. Sig. (2-tailed)	.033
Exact Sig. [2*(1-tailed Sig.)]	.041[b]

Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
TGFb	kelompok kontrol positif	6	7.58	45.50
	kelompok perlakuan	6	5.42	32.50
	Total	12		

Test Statistics[a]

	TGFb
Mann-Whitney U	11.500
Wilcoxon W	32.500
Z	-1.052
Asymp. Sig. (2-tailed)	.293
Exact Sig. [2*(1-tailed Sig.)]	.310[b]

Ranks

	Kelompok	N	Mean Rank	Sum of Ranks
TGFb	kelompok kontrol negatif	6	7.83	47.00
	kelompok kontrol positif	6	5.17	31.00
	Total	12		

Test Statistics[a]

	TGFb
Mann-Whitney U	10.000
Wilcoxon W	31.000
Z	-1.292
Asymp. Sig. (2-tailed)	.196
Exact Sig. [2*(1-tailed Sig.)]	.240[b]

TGF-β hari ke-7

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	kelompok	Statistic	df	Sig.	Statistic	df	Sig.
TGFb	kelompok kontrol negatif	.341	6	.028	.736	6	.014
	kelompok kontrol positif	.191	6	.200*	.847	6	.148
	kelompok perlakuan	.277	6	.168	.773	6	.033

Ranks

	kelompok	N	Mean Rank
TGFb	kelompok kontrol negatif	6	14.67
	kelompok kontrol positif	6	9.83
	kelompok perlakuan	6	4.00
	Total	18	

Test Statistics[a,b]

	TGFb
Chi-Square	12.356
df	2
Asymp. Sig.	.002

a. Kruskal Wallis Test

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
TGFb	kelompok kontrol negatif	6	8.67	52.00
	kelompok kontrol positif	6	4.33	26.00
	Total	12		

Test Statistics[a]

	TGFb
Mann-Whitney U	5.000
Wilcoxon W	26.000
Z	-2.108
Asymp. Sig. (2-tailed)	.035
Exact Sig. [2*(1-tailed Sig.)]	.041[b]

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
TGFb	kelompok kontrol negatif	6	9.50	57.00
	kelompok perlakuan	6	3.50	21.00
	Total	12		

Test Statistics[a]

	TGFb
Mann-Whitney U	.000
Wilcoxon W	21.000
Z	-2.918
Asymp. Sig. (2-tailed)	.004
Exact Sig. [2*(1-tailed Sig.)]	.002[b]

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
TGFb	kelompok kontrol positif	6	9.00	54.00

	kelompok perlakuan	6	4.00	24.00
	Total	12		

Test Statistics[a]

	TGFb
Mann-Whitney U	3.000
Wilcoxon W	24.000
Z	-2.500
Asymp. Sig. (2-tailed)	.012
Exact Sig. [2*(1-tailed Sig.)]	.015[b]

EGF hari ke-1

Descriptives

EGF

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol negatif	6	4.5333	1.89596	.77402	2.5436	6.5230	1.80	6.80
kontrol positif	6	4.2667	1.40095	.57194	2.7965	5.7369	3.00	6.00
Perlakuan	6	6.3000	1.64803	.67281	4.5705	8.0295	4.00	8.80
Total	18	5.0333	1.81529	.42787	4.1306	5.9361	1.80	8.80

Tests of Normality

	Kelompok	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
EGF	kelompok kontrol negatif	.176	6	.200*	.964	6	.851
	kelompok kontrol positif	.277	6	.168	.821	6	.090
	kelompok perlakuan	.169	6	.200*	.988	6	.982

Test of Homogeneity of Variances

EGF

Levene Statistic	df1	df2	Sig.
.320	2	15	.731

ANOVA

EGF

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	14.653	2	7.327	2.657	.103
Within Groups	41.367	15	2.758		
Total	56.020	17			

EGF hari ke-3

Tests of Normality

	kelompok	Kolmogorov-Smirnov[a]	Shapiro-Wilk

		Statistic	df	Sig.	Statistic	df	Sig.
EGF2	kelompok kontrol negatif	.210	6	.200*	.930	6	.582
	kelompok kontrol positif	.281	6	.149	.840	6	.131
	kelompok perlakuan	.352	6	.019	.700	6	.006

Ranks

	Kelompok	N	Mean Rank
EGF2	kelompok kontrol negatif	6	5.50
	kelompok kontrol positif	6	10.17
	kelompok perlakuan	6	12.83
	Total	18	

Test Statistics[a,b]

	EGF2
Chi-Square	5.949
Df	2
Asymp. Sig.	.051

a. Kruskal Wallis Test

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
EGF2	kelompok kontrol negatif	6	5.25	31.50
	kelompok kontrol positif	6	7.75	46.50
	Total	12		

Test Statistics[a]

	EGF2
Mann-Whitney U	10.500
Wilcoxon W	31.500
Z	-1.207
Asymp. Sig. (2-tailed)	.227
Exact Sig. [2*(1-tailed Sig.)]	.240[b]

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
EGF2	kelompok kontrol positif	6	5.92	35.50
	kelompok perlakuan	6	7.08	42.50
	Total	12		

Test Statistics[a]

	EGF2
Mann-Whitney U	14.500
Wilcoxon W	35.500
Z	-.573
Asymp. Sig. (2-tailed)	.567
Exact Sig. [2*(1-tailed Sig.)]	.589[b]

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
EGF2	kelompok kontrol negatif	6	3.75	22.50
	kelompok perlakuan	6	9.25	55.50
	Total	12		

Test Statistics[a]

	EGF2
Mann-Whitney U	1.500
Wilcoxon W	22.500
Z	-2.690
Asymp. Sig. (2-tailed)	.007
Exact Sig. [2*(1-tailed Sig.)]	.004[b]

EGF hari ke-7

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Kelompok	Statistic	df	Sig.	Statistic	df	Sig.
EGF2	kelompok kontrol negatif	.306	6	.082	.809	6	.071
	kelompok kontrol positif	.307	6	.080	.823	6	.094
	kelompok perlakuan	.297	6	.107	.767	6	.029

Ranks

	kelompok	N	Mean Rank
EGF2	kelompok kontrol negatif	6	6.75
	kelompok kontrol positif	6	7.17
	kelompok perlakuan	6	14.58
	Total	18	

Test Statistics[a,b]

	EGF2

Chi-Square	8.272
df	2
Asymp. Sig.	.016

a. Kruskal Wallis Test

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
EGF2	kelompok kontrol negatif	6	5.92	35.50
	kelompok kontrol positif	6	7.08	42.50
	Total	12		

Test Statistics[a]

	EGF2
Mann-Whitney U	14.500
Wilcoxon W	35.500
Z	-.569
Asymp. Sig. (2-tailed)	.569
Exact Sig. [2*(1-tailed Sig.)]	.589[b]

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
EGF2	kelompok kontrol positif	6	3.58	21.50
	kelompok perlakuan	6	9.42	56.50
	Total	12		

Test Statistics[a]

	EGF2
Mann-Whitney U	.500
Wilcoxon W	21.500
Z	-2.822
Asymp. Sig. (2-tailed)	.005
Exact Sig. [2*(1-tailed Sig.)]	.002[b]

	Kelompok	N	Mean Rank	Sum of Ranks
EGF2	kelompok kontrol negatif	6	4.33	26.00
	kelompok perlakuan	6	8.67	52.00
	Total	12		

Test Statistics[a]

	EGF2
Mann-Whitney U	5.000

Page

Wilcoxon W	26.000
Z	-2.085
Asymp. Sig. (2-tailed)	.037
Exact Sig. [2*(1-tailed Sig.)]	.041[b]

Ketebalan Epitel hari ke-3

Descriptives

epitel

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol negatif	6	.00000	.000000	.000000	.00000	.00000	.000	.000
kontrol positif	6	.40400	.641988	.262091	-.26973	1.07773	.000	1.438
Perlakuan	6	.66767	.787592	.321533	-.15886	1.49419	.000	1.642
Total	18	.35722	.619263	.145962	.04927	.66517	.000	1.642

Tests of Normality[a]

		Kolmogorov-Smirnov[b]			Shapiro-Wilk		
	kelompok	Statistic	df	Sig.	Statistic	df	Sig.
epitel	kontrol positif	.402	6	.003	.700	6	.006
	perlakuan	.302	6	.093	.789	6	.047

a. epitel is constant when kelompok = kelompok kontrol negatif. It has been omitted.

Ranks

	Kelompok	N	Mean Rank
epitel	kelompok kontrol negatif	6	7.00
	kelompok kontrol positif	6	9.83
	kelompok perlakuan	6	11.67
	Total	18	

Test Statistics[a,b]

	epitel
Chi-Square	3.728
Df	2
Asymp. Sig.	.155

a. Kruskal Wallis Test

Ketebalan epitel hari ke-7

Descriptives

epitel

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
kontrol negatif	6	.48600	.776447	.316983	-.32883	1.30083	.000	1.758
kontrol positif	6	.59867	.688204	.280958	-.12356	1.32089	.000	1.512
perlakuan	6	2.04867	.936438	.382299	1.06594	3.03140	.606	3.260
Total	18	1.04444	1.053881	.248402	.52036	1.56853	.000	3.260

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	kelompok	Statistic	df	Sig.	Statistic	df	Sig.
epitel	kontrol negatif	.401	6	.003	.703	6	.007
	kontrol positif	.308	6	.078	.818	6	.085
	perlakuan	.120	6	.200*	.988	6	.985

Ranks

	kelompok	N	Mean Rank
epitel	kelompok kontrol negatif	6	6.67
	kelompok kontrol positif	6	7.50
	kelompok perlakuan	6	14.33
	Total	18	

Test Statistics[a,b]

	epitel
Chi-Square	7.907
Df	2
Asymp. Sig.	.019

a. Kruskal Wallis Test

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
epitel	kelompok kontrol negatif	6	6.17	37.00
	kelompok kontrol positif	6	6.83	41.00
	Total	12		

Test Statistics[a]

	epitel
Mann-Whitney U	16.000
Wilcoxon W	37.000
Z	-.357
Asymp. Sig. (2-tailed)	.721
Exact Sig. [2*(1-tailed Sig.)]	.818[b]

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
epitel	kelompok kontrol negatif	6	4.00	24.00
	kelompok perlakuan	6	9.00	54.00
	Total	12		

Test Statistics[a]

	epitel
Mann-Whitney U	3.000
Wilcoxon W	24.000
Z	-2.445
Asymp. Sig. (2-tailed)	.014
Exact Sig. [2*(1-tailed Sig.)]	.015[b]

Ranks

	kelompok	N	Mean Rank	Sum of Ranks
epitel	kelompok kontrol positif	6	4.17	25.00
	kelompok perlakuan	6	8.83	53.00
	Total	12		

Test Statistics[a]

	epitel
Mann-Whitney U	4.000
Wilcoxon W	25.000
Z	-2.258
Asymp. Sig. (2-tailed)	.024
Exact Sig. [2*(1-tailed Sig.)]	.026[b]

ANALISA JALUR H-1 KELOMPOK PERLAKUAN DAN KONTROL NEGATIF

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	8.639	2	4.320	3.222	.088[b]
	Residual	12.067	9	1.341		
	Total	20.707	11			
2	Regression	8.111	1	8.111	6.440	.029[c]
	Residual	12.595	10	1.260		
	Total	20.707	11			

a. Dependent Variable: TNF_alpha

b. Predictors: (Constant), selradang, IL10

c. Predictors: (Constant), selradang

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	4.437	1.596		2.779	.021
	IL10	-.206	.329	-.271	-.628	.546
	selradang	-1.331	.680	-.844	-1.958	.082
2	(Constant)	3.501	.552		6.341	.000
	selradang	-.987	.389	-.626	-2.538	.029

a. Dependent Variable: TNF_alpha

Excluded Variables[a]

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
2	IL10	-.271[b]	-.628	.546	-.205	.348

a. Dependent Variable: TNF_alpha

b. Predictors in the Model: (Constant), selradang

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	23.228	1	23.228	18.719	.001[b]
	Residual	12.409	10	1.241		
	Total	35.637	11			

a. Dependent Variable: IL10

b. Predictors: (Constant), selradang

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	4.537	.548		8.278	.000
	selradang	-1.670	.386	-.807	-4.327	.001

a. Dependent Variable: IL10

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	11.210	2	5.605	2.495	.137[b]

	Residual	20.216	9	2.246		
	Total	31.427	11			
2	Regression	10.029	1	10.029	4.687	.056[c]
	Residual	21.398	10	2.140		
	Total	31.427	11			

a. Dependent Variable: TGFbeta

b. Predictors: (Constant), IL10, selradang

c. Predictors: (Constant), selradang

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.305	2.066		.147	.886
	selradang	1.613	.880	.830	1.832	.100
	IL10	.309	.425	.329	.725	.487
2	(Constant)	1.705	.720		2.369	.039
	selradang	1.097	.507	.565	2.165	.056

a. Dependent Variable: TGFbeta

Excluded Variables[a]

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
2	IL10	.329[b]	.725	.487	.235	.348

a. Dependent Variable: TGFbeta

b. Predictors in the Model: (Constant), selradang

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	5.422	4	1.356	.833	.545[b]
	Residual	11.387	7	1.627		
	Total	16.809	11			
2	Regression	5.377	3	1.792	1.254	.353[c]
	Residual	11.432	8	1.429		
	Total	16.809	11			
3	Regression	4.801	2	2.401	1.799	.220[d]
	Residual	12.008	9	1.334		
	Total	16.809	11			
4	Regression	3.404	1	3.404	2.539	.142[e]

	Residual	13.405	10	1.341		
	Total	16.809	11			
5	Regression	.000	0	.000	.	.[f]
	Residual	16.809	11	1.528		
	Total	16.809	11			

a. Dependent Variable: MMP1

b. Predictors: (Constant), IL10, EGF, TGFbeta, selradang

c. Predictors: (Constant), IL10, TGFbeta, selradang

d. Predictors: (Constant), IL10, selradang

e. Predictors: (Constant), selradang

f. Predictor: (constant)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.252	2.169		-.116	.911
	selradang	1.436	.903	1.011	1.590	.156
	TGFbeta	-.146	.314	-.200	-.466	.655
	EGF	-.037	.224	-.058	-.168	.872
	IL10	.374	.381	.545	.983	.358
2	(Constant)	-.464	1.650		-.281	.786
	selradang	1.472	.822	1.036	1.789	.111
	TGFbeta	-.169	.266	-.231	-.635	.543
	IL10	.388	.349	.564	1.110	.299
3	(Constant)	-.516	1.593		-.324	.753
	selradang	1.200	.678	.844	1.769	.111
	IL10	.336	.328	.489	1.023	.333
4	(Constant)	1.007	.570		1.767	.108
	selradang	.639	.401	.450	1.594	.142
5	(Constant)	1.742	.357		4.881	.000

a. Dependent Variable: MMP1

Excluded Variables[a]

Model		Beta In	T	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
2	EGF	-.058[b]	-.168	.872	-.063	.796
3	EGF	-.128[c]	-.427	.681	-.149	.974
	TGFbeta	-.231[c]	-.635	.543	-.219	.643
4	EGF	-.154[d]	-.521	.615	-.171	.982
	TGFbeta	-.136[d]	-.380	.713	-.126	.681

	IL10	.489[d]	1.023	.333	.323	.348
5	EGF	-.092[e]	-.292	.777	-.092	1.000
	TGFbeta	.162[e]	.518	.616	.162	1.000
	IL10	-.193[e]	-.623	.547	-.193	1.000
	selradang	.450[e]	1.594	.142	.450	1.000

a. Dependent Variable: MMP1

b. Predictors in the Model: (Constant), IL10, TGFbeta, selradang

c. Predictors in the Model: (Constant), IL10, selradang

d. Predictors in the Model: (Constant), selradang

e. Predictor: (constant)

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	7.809	3	2.603	.629	.616[b]
	Residual	33.107	8	4.138		
	Total	40.917	11			
2	Regression	6.560	2	3.280	.859	.456[c]
	Residual	34.357	9	3.817		
	Total	40.917	11			
3	Regression	5.836	1	5.836	1.664	.226[d]
	Residual	35.080	10	3.508		
	Total	40.917	11			
4	Regression	.000	0	.000	.	.[e]
	Residual	40.917	11	3.720		
	Total	40.917	11			

a. Dependent Variable: EGF

b. Predictors: (Constant), TNF_alpha, IL10, selradang

c. Predictors: (Constant), TNF_alpha, selradang

d. Predictors: (Constant), TNF_alpha

e. Predictor: (constant)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	9.164	3.824		2.397	.043
	selradang	-.984	1.426	-.444	-.690	.510
	IL10	-.324	.590	-.303	-.550	.598
	TNF_alpha	-.747	.586	-.531	-1.275	.238
2	(Constant)	7.462	2.154		3.464	.007
	selradang	-.378	.868	-.170	-.435	.674

	TNF_alpha	-.681	.551	-.484	-1.237	.247
3	(Constant)	6.673	1.114		5.990	.000
	TNF_alpha	-.531	.412	-.378	-1.290	.226
4	(Constant)	5.417	.557		9.729	.000

a. Dependent Variable: EGF

Excluded Variables[a]

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics Tolerance
2	IL10	-.303[b]	-.550	.598	-.191	.334
3	IL10	-.009[c]	-.026	.980	-.009	.831
	selradang	-.170[c]	-.435	.674	-.144	.608
4	IL10	-.162[d]	-.521	.614	-.162	1.000
	selradang	.133[d]	.423	.681	.133	1.000
	TNF_alpha	-.378[d]	-1.290	.226	-.378	1.000

a. Dependent Variable: EGF

b. Predictors in the Model: (Constant), TNF_alpha, selradang

c. Predictors in the Model: (Constant), TNF_alpha

d. Predictor: (constant)

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1.618	2	.809	2.513	.136[b]
	Residual	2.898	9	.322		
	Total	4.517	11			
2	Regression	.843	1	.843	2.295	.161[c]
	Residual	3.674	10	.367		
	Total	4.517	11			
3	Regression	.000	0	.000	.	.[d]
	Residual	4.517	11	.411		
	Total	4.517	11			

a. Dependent Variable: VEGF

b. Predictors: (Constant), IL10, selradang

c. Predictors: (Constant), selradang

d. Predictor: (constant)

Coefficients[a]

Model		Unstandardized Coefficients B	Unstandardized Coefficients Std. Error	Standardized Coefficients Beta	t	Sig.
1	(Constant)	3.483	.782		4.452	.002

	selradang	-.736	.333	-.999	-2.207	.055
	IL10	-.250	.161	-.702	-1.552	.155
2	(Constant)	2.349	.298		7.877	.000
	selradang	-.318	.210	-.432	-1.515	.161
3	(Constant)	1.983	.185		10.722	.000

a. Dependent Variable: VEGF

Excluded Variables[a]

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics Tolerance
2	IL10	-.702[b]	-1.552	.155	-.459	.348
3	IL10	.104[c]	.332	.747	.104	1.000
	selradang	-.432[c]	-1.515	.161	-.432	1.000

a. Dependent Variable: VEGF

b. Predictors in the Model: (Constant), selradang

c. Predictor: (constant)

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	376.328	3	125.443	4.295	.044[b]
	Residual	233.672	8	29.209		
	Total	610.000	11			
2	Regression	374.328	2	187.164	7.148	.014[c]
	Residual	235.672	9	26.186		
	Total	610.000	11			

a. Dependent Variable: angiogenesis

b. Predictors: (Constant), TGFbeta, IL10, VEGF

c. Predictors: (Constant), IL10, VEGF

Coefficients[a]

Model		Unstandardized Coefficients B	Unstandardized Coefficients Std. Error	Standardized Coefficients Beta	t	Sig.
1	(Constant)	31.146	11.180		2.786	.024
	IL10	-2.405	.978	-.581	-2.457	.039
	VEGF	-4.503	3.460	-.387	-1.302	.229
	TGFbeta	.363	1.388	.082	.262	.800
2	(Constant)	33.678	5.298		6.357	.000
	IL10	-2.498	.862	-.604	-2.899	.018

VEGF	-5.113	2.421	-.440	-2.112	.064

a. Dependent Variable: angiogenesis

Excluded Variables[a]

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics: Tolerance
2	TGFbeta	.082[b]	.262	.800	.092	.482

a. Dependent Variable: angiogenesis

b. Predictors in the Model: (Constant), IL10, VEGF

ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Regression	2.795	1	2.795	3.036	.112
Residual	9.205	10	.921		
Total	12.000	11			

Dependent Variable: EGF

Predictor: kelompok

Coefficients

	Standardized Coefficients				
	Beta	Bootstrap (1000) Estimate of Std. Error	df	F	Sig.
kelompok	.483	.210	1	5.300	.044

Dependent Variable: EGF

ANALISA JALUR H-3 KELOMPOK PERLAKUAN DAN KONTROL NEGATIF

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1.471	1	1.471	1.976	.190[b]
	Residual	7.445	10	.745		
	Total	8.917	11			
2	Regression	.000	0	.000	.	.[c]
	Residual	8.917	11	.811		
	Total	8.917	11			

a. Dependent Variable: IL10

b. Predictors: (Constant), selradang

c. Predictor: (constant)

Coefficients[a]

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		

1	(Constant)	4.178	.954		4.380	.001
	selradang	-.631	.449	-.406	-1.406	.190
2	(Constant)	2.883	.260		11.094	.000

a. Dependent Variable: IL10

Excluded Variables[a]

Model		Beta In	T	Sig.	Partial Correlation	Collinearity Statistics Tolerance
2	selradang	-.406[b]	-1.406	.190	-.406	1.000

a. Dependent Variable: IL10

b. Predictor: (constant)

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.828	2	.414	1.254	.331[b]
	Residual	2.969	9	.330		
	Total	3.797	11			
2	Regression	.623	1	.623	1.963	.192[c]
	Residual	3.174	10	.317		
	Total	3.797	11			
3	Regression	.000	0	.000	.	.[d]
	Residual	3.797	11	.345		
	Total	3.797	11			

a. Dependent Variable: TNFalpha

b. Predictors: (Constant), IL10, selradang

c. Predictors: (Constant), IL10

d. Predictor: (constant)

Coefficients[a]

Model		Unstandardized Coefficients B	Unstandardized Coefficients Std. Error	Standardized Coefficients Beta	t	Sig.
1	(Constant)	1.244	1.085		1.147	.281
	selradang	-.258	.327	-.254	-.788	.451
	IL10	.197	.210	.302	.936	.374
2	(Constant)	.521	.568		.918	.380
	IL10	.264	.189	.405	1.401	.192
3	(Constant)	1.283	.170		7.567	.000

a. Dependent Variable: TNFalpha

Excluded Variables[a]

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics Tolerance
2	selradang	-.254[b]	-.788	.451	-.254	.835
3	selradang	-.377[c]	-1.286	.227	-.377	1.000
	IL10	.405[c]	1.401	.192	.405	1.000

a. Dependent Variable: TNFalpha

b. Predictors in the Model: (Constant), IL10

c. Predictor: (constant)

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.224	2	.112	.173	.844[b]
	Residual	5.813	9	.646		
	Total	6.037	11			
2	Regression	.215	1	.215	.369	.557[c]
	Residual	5.822	10	.582		
	Total	6.037	11			
3	Regression	.000	0	.000	.	.[d]
	Residual	6.037	11	.549		
	Total	6.037	11			

a. Dependent Variable: TGFb

b. Predictors: (Constant), IL10, selradang

c. Predictors: (Constant), selradang

d. Predictor: (constant)

Coefficients[a]

Model		Unstandardized Coefficients B	Unstandardized Coefficients Std. Error	Standardized Coefficients Beta	t	Sig.
1	(Constant)	1.856	1.518		1.223	.252
	selradang	-.263	.458	-.206	-.575	.580
	IL10	-.035	.295	-.042	-.118	.909
2	(Constant)	1.711	.844		2.028	.070
	selradang	-.241	.397	-.189	-.607	.557
3	(Constant)	1.217	.214		5.689	.000

a. Dependent Variable: TGFb

Excluded Variables[a]

Model	Beta In	t	Sig.	Partial Correlation	Collinearity Statistics Tolerance

2	IL10	-.042[b]	-.118	.909	-.039	.835
3	IL10	.041[c]	.131	.898	.041	1.000
	selradang	-.189[c]	-.607	.557	-.189	1.000

a. Dependent Variable: TGFb

b. Predictors in the Model: (Constant), selradang

c. Predictor: (constant)

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	7.859	2	3.930	3.302	.084[b]
	Residual	10.711	9	1.190		
	Total	18.570	11			

a. Dependent Variable: VEGF

b. Predictors: (Constant), IL10, selradang

oefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	7.767	2.060		3.770	.004
	selradang	-1.299	.621	-.579	-2.090	.066
	IL10	-.886	.400	-.614	-2.215	.054

a. Dependent Variable: VEGF

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	6.489	3	2.163	.729	.563[b]
	Residual	23.737	8	2.967		
	Total	30.227	11			
2	Regression	6.407	2	3.204	1.211	.342[c]
	Residual	23.819	9	2.647		
	Total	30.227	11			
3	Regression	5.998	1	5.998	2.476	.147[d]
	Residual	24.228	10	2.423		
	Total	30.227	11			
4	Regression	.000	0	.000	.	.[e]
	Residual	30.227	11	2.748		
	Total	30.227	11			

a. Dependent Variable: EGF2

b. Predictors: (Constant), TNFalpha, selradang, IL10

c. Predictors: (Constant), TNFalpha, IL10

d. Predictors: (Constant), IL10

e. Predictor: (constant)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	6.106	3.483		1.753	.118
	selradang	-.169	1.015	-.059	-.166	.872
	IL10	-.948	.661	-.515	-1.434	.190
	TNFalpha	.317	1.000	.112	.317	.759
2	(Constant)	5.611	1.707		3.287	.009
	IL10	-.915	.596	-.497	-1.536	.159
	TNFalpha	.359	.913	.127	.393	.703
3	(Constant)	5.798	1.569		3.696	.004
	IL10	-.820	.521	-.445	-1.573	.147
4	(Constant)	3.433	.479		7.175	.000

a. Dependent Variable: EGF2

Excluded Variables[a]

Model		Beta In	T	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
2	selradang	-.059[b]	-.166	.872	-.059	.781
3	selradang	-.087[c]	-.269	.794	-.089	.835
	TNFalpha	.127[c]	.393	.703	.130	.836
4	selradang	.108[d]	.343	.738	.108	1.000
	TNFalpha	-.074[d]	-.235	.819	-.074	1.000
	IL10	-.445[d]	-1.573	.147	-.445	1.000

a. Dependent Variable: EGF2

b. Predictors in the Model: (Constant), TNFalpha, IL10

c. Predictors in the Model: (Constant), IL10

d. Predictor: (constant)

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	291.086	3	97.029	5.979	.019[b]
	Residual	129.831	8	16.229		
	Total	420.917	11			
2	Regression	291.009	2	145.505	10.081	.005[c]
	Residual	129.908	9	14.434		
	Total	420.917	11			

a. Dependent Variable: angiogenesis

b. Predictors: (Constant), TGFb, IL10, VEGF

c. Predictors: (Constant), TGFb, IL10

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	43.537	5.829		7.469	.000
	IL10	-4.984	1.511	-.725	-3.299	.011
	VEGF	.081	1.179	.017	.069	.947
	TGFb	-3.115	1.916	-.373	-1.625	.143
2	(Constant)	43.796	4.202		10.422	.000
	IL10	-5.031	1.273	-.732	-3.951	.003
	TGFb	-3.046	1.548	-.365	-1.968	.081

a. Dependent Variable: angiogenesis

Excluded Variables[a]

Model		Beta In	T	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
2	VEGF	.017[b]	.069	.947	.024	.628

a. Dependent Variable: angiogenesis

b. Predictors in the Model: (Constant), TGFb, IL10

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	4.855	4	1.214	1.333	.346[b]
	Residual	6.372	7	.910		
	Total	11.227	11			
2	Regression	4.753	3	1.584	1.958	.199[c]
	Residual	6.474	8	.809		
	Total	11.227	11			
3	Regression	4.699	2	2.350	3.240	.087[d]
	Residual	6.527	9	.725		
	Total	11.227	11			

a. Dependent Variable: MMP1

b. Predictors: (Constant), selradang, EGF2, TGFb, IL10

c. Predictors: (Constant), selradang, TGFb, IL10

d. Predictors: (Constant), selradang, IL10

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	5.245	2.543		2.063	.078
	IL10	-.612	.398	-.546	-1.538	.168
	TGFb	.147	.424	.108	.346	.740
	EGF2	.070	.208	.115	.335	.748
	selradang	-.958	.561	-.549	-1.708	.131
2	(Constant)	5.793	1.835		3.158	.013
	IL10	-.676	.330	-.602	-2.049	.075
	TGFb	.096	.373	.070	.257	.804
	selradang	-.989	.522	-.567	-1.895	.095
3	(Constant)	5.971	1.608		3.713	.005
	IL10	-.679	.312	-.605	-2.176	.058
	selradang	-1.014	.485	-.581	-2.091	.066

a. Dependent Variable: MMP1

Excluded Variables[a]

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
2	EGF2	.115[b]	.335	.748	.126	.693
3	EGF2	.072[c]	.239	.817	.084	.795
	TGFb	.070[c]	.257	.804	.090	.963

a. Dependent Variable: MMP1

b. Predictors in the Model: (Constant), selradang, TGFb, IL10

c. Predictors in the Model: (Constant), selradang, IL10

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.780	2	.390	4.234	.051[b]
	Residual	.830	9	.092		
	Total	1.610	11			
2	Regression	.780	1	.780	9.408	.012[c]
	Residual	.830	10	.083		
	Total	1.610	11			

a. Dependent Variable: densitas_kolagen

b. Predictors: (Constant), MMP1, TGFb

c. Predictors: (Constant), MMP1

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.944	.232		4.060	.003
	TGFb	-.003	.125	-.007	-.028	.978
	MMP1	.264	.092	.697	2.880	.018
2	(Constant)	.940	.186		5.060	.000
	MMP1	.264	.086	.696	3.067	.012

a. Dependent Variable: densitas_kolagen

Excluded Variables[a]

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
2	TGFb	-.007[b]	-.028	.978	-.009	.977

a. Dependent Variable: densitas_kolagen

b. Predictors in the Model: (Constant), MMP1

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	3.062	4	.766	3.893	.057[b]
	Residual	1.377	7	.197		
	Total	4.439	11			
2	Regression	2.933	3	.978	5.193	.028[c]
	Residual	1.506	8	.188		
	Total	4.439	11			

a. Dependent Variable: epitel

b. Predictors: (Constant), EGF2, TGFb, densitas_kolagen, angiogenesis

c. Predictors: (Constant), EGF2, TGFb, densitas_kolagen

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.541	.781		-.692	.511
	TGFb	-.545	.216	-.636	-2.527	.039
	angiogenesis	.028	.034	.272	.811	.444
	densitas_kolagen	1.421	.470	.856	3.023	.019
	EGF2	-.360	.129	-.940	-2.784	.027
2	(Constant)	-.094	.543		-.174	.866

	TGFb	-.603	.199	-.703	-3.026	.016
	densitas_kolagen	1.522	.443	.917	3.433	.009
	EGF2	-.305	.107	-.795	-2.836	.022

a. Dependent Variable: epitel

Excluded Variables[a]

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
2	angiogenesis	.272[b]	.811	.444	.293	.395

a. Dependent Variable: epitel

b. Predictors in the Model: (Constant), EGF2, TGFb, densitas_kolagen

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	4.855	4	1.214	1.333	.346[b]
	Residual	6.372	7	.910		
	Total	11.227	11			
2	Regression	4.753	3	1.584	1.958	.199[c]
	Residual	6.474	8	.809		
	Total	11.227	11			
3	Regression	4.699	2	2.350	3.240	.087[d]
	Residual	6.527	9	.725		
	Total	11.227	11			
4	Regression	1.530	1	1.530	1.578	.238[e]
	Residual	9.697	10	.970		
	Total	11.227	11			
5	Regression	.000	0	.000	.	.[f]
	Residual	11.227	11	1.021		
	Total	11.227	11			

a. Dependent Variable: MMP1

b. Predictors: (Constant), EGF2, selradang, TGFb, IL10

c. Predictors: (Constant), selradang, TGFb, IL10

d. Predictors: (Constant), selradang, IL10

e. Predictors: (Constant), IL10

f. Predictor: (constant)

Coefficients[a]

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		

1	(Constant)	5.245	2.543		2.063	.078
	selradang	-.958	.561	-.549	-1.708	.131
	IL10	-.612	.398	-.546	-1.538	.168
	TGFb	.147	.424	.108	.346	.740
	EGF2	.070	.208	.115	.335	.748
2	(Constant)	5.793	1.835		3.158	.013
	selradang	-.989	.522	-.567	-1.895	.095
	IL10	-.676	.330	-.602	-2.049	.075
	TGFb	.096	.373	.070	.257	.804
3	(Constant)	5.971	1.608		3.713	.005
	selradang	-1.014	.485	-.581	-2.091	.066
	IL10	-.679	.312	-.605	-2.176	.058
4	(Constant)	3.128	.992		3.151	.010
	IL10	-.414	.330	-.369	-1.256	.238
5	(Constant)	1.933	.292		6.629	.000

a. Dependent Variable: MMP1

Excluded Variables[a]

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics Tolerance
2	EGF2	.115[b]	.335	.748	.126	.693
3	EGF2	.072[c]	.239	.817	.084	.795
	TGFb	.070[c]	.257	.804	.090	.963
4	EGF2	.124[d]	.362	.726	.120	.802
	TGFb	.168[d]	.550	.596	.180	.998
	selradang	-.581[d]	-2.091	.066	-.572	.835
5	EGF2	.264[e]	.866	.407	.264	1.000
	TGFb	.152[e]	.487	.637	.152	1.000
	selradang	-.336[e]	-1.127	.286	-.336	1.000
	IL10	-.369[e]	-1.256	.238	-.369	1.000

a. Dependent Variable: MMP1

b. Predictors in the Model: (Constant), selradang, TGFb, IL10

c. Predictors in the Model: (Constant), selradang, IL10

d. Predictors in the Model: (Constant), IL10

e. Predictor: (constant)

ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Regression	5.201	4	1.300	1.339	.345

Residual	6.799	7	.971		
Total	12.000	11			

Dependent Variable: MMP1

Predictors: selradang IL10 TGFb EGF2

Coefficients

	Standardized Coefficients				
	Beta	Bootstrap (1000) Estimate of Std. Error	df	F	Sig.
selradang	-.547	.335	1	2.667	.146
IL10	-.538	.459	1	1.374	.279
TGFb	.109	.338	1	.105	.756
EGF2	.132	.443	1	.089	.774

Dependent Variable: MMP1

ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Regression	5.059	3	1.686	1.944	.201
Residual	6.941	8	.868		
Total	12.000	11			

Dependent Variable: MMP1

Predictors: selradang IL10 TGFb

Coefficients

	Standardized Coefficients				
	Beta	Bootstrap (1000) Estimate of Std. Error	df	F	Sig.
selradang	-.570	.272	1	4.390	.069
IL10	-.605	.343	1	3.112	.116
TGFb	.064	.248	1	.067	.803

Dependent Variable: MMP1

ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Regression	5.011	2	2.506	3.227	.088
Residual	6.989	9	.777		
Total	12.000	11			

Dependent Variable: MMP1

Predictors: selradang IL10

Coefficients

	Standardized Coefficients				
	Beta	Bootstrap (1000) Estimate of Std. Error	df	F	Sig.
selradang	-.582	.196	1	8.853	.016
IL10	-.607	.320	1	3.607	.090

Dependent Variable: MMP1

ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Regression	1.331	1	1.331	1.248	.290
Residual	10.669	10	1.067		
Total	12.000	11			

Dependent Variable: MMP1

Predictor: selradang

Coefficients

	Standardized Coefficients				
	Beta	Bootstrap (1000) Estimate of Std. Error	df	F	Sig.
selradang	-.333	.257	1	1.679	.224

Dependent Variable: MMP1

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	38.055	1	38.055	.994	.342[b]
	Residual	382.862	10	38.286		
	Total	420.917	11			

a. Dependent Variable: angiogenesis

b. Predictors: (Constant), selradang

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	19.000	6.841		2.778	.020
	selradang	3.211	3.221	.301	.997	.342

a. Dependent Variable: angiogenesis

ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Regression	.119	1	.119	.100	.758
Residual	11.881	10	1.188		
Total	12.000	11			

Dependent Variable: selradang

Predictor: kelompok

Coefficients

	Standardized Coefficients				
	Beta	Bootstrap (1000) Estimate of Std. Error	df	F	Sig.
kelompok	-.100	.317	1	.099	.760

Dependent Variable: selradang

ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Regression	3.813	2	1.907	2.096	.179
Residual	8.187	9	.910		
Total	12.000	11			

Dependent Variable: TNFalpha

Predictors: kelompok selradang

Coefficients

	Standardized Coefficients				
	Beta	Bootstrap (1000) Estimate of Std. Error	df	F	Sig.
kelompok	-.429	.357	1	1.444	.260
selradang	-.411	.379	1	1.176	.306

Dependent Variable: TNFalpha

ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Regression	1.806	1	1.806	1.772	.213
Residual	10.194	10	1.019		
Total	12.000	11			

Dependent Variable: TNFalpha

Predictor: kelompok

Coefficients

	Standardized Coefficients	df	F	Sig.

	Beta	Bootstrap (1000) Estimate of Std. Error			
kelompok	-.388	.238	1	2.648	.135

Dependent Variable: TNFalpha

ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Regression	6.498	1	6.498	11.812	.006
Residual	5.502	10	.550		
Total	12.000	11			

Dependent Variable: TGFb

Predictor: kelompok

Coefficients

	Standardized Coefficients				
	Beta	Bootstrap (1000) Estimate of Std. Error	df	F	Sig.
kelompok	-.736	.113	1	42.327	.000

Dependent Variable: TGFb

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.698	3	.233	2.174	.137[b]
	Residual	1.499	14	.107		
	Total	2.198	17			
2	Regression	.690	2	.345	3.431	.059[c]
	Residual	1.508	15	.101		
	Total	2.198	17			
3	Regression	.662	1	.662	6.903	.018[d]
	Residual	1.535	16	.096		
	Total	2.198	17			

a. Dependent Variable: densitas_kolagen

b. Predictors: (Constant), EGF2, MMP1, TGFbeta

c. Predictors: (Constant), EGF2, MMP1

d. Predictors: (Constant), MMP1

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	1.068	.206		5.182	.000
	MMP1	.167	.075	.519	2.232	.042
	TGFbeta	.026	.093	.068	.283	.781
	EGF2	.019	.045	.094	.409	.689
2	(Constant)	1.089	.186		5.847	.000
	MMP1	.173	.069	.539	2.512	.024
	EGF2	.022	.042	.112	.523	.609
3	(Constant)	1.162	.120		9.722	.000
	MMP1	.176	.067	.549	2.627	.018

a. Dependent Variable: densitas_kolagen

Excluded Variables[a]

Model		Beta In	T	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
2	TGFbeta	.068[b]	.283	.781	.075	.832
3	TGFbeta	.096[c]	.424	.678	.109	.900
	EGF2	.112[c]	.523	.609	.134	.992

a. Dependent Variable: densitas_kolagen

b. Predictors in the Model: (Constant), EGF2, MMP1

c. Predictors in the Model: (Constant), MMP1

ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Regression	4.017	1	4.017	5.033	.049
Residual	7.983	10	.798		
Total	12.000	11			

Dependent Variable: EGF2

Predictor: kelompok

Coefficients

	Standardized Coefficients		df	F	Sig.
	Beta	Bootstrap (1000) Estimate of Std. Error			
kelompok	.579	.115	1	25.189	.001

Dependent Variable: EGF2

ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Regression	3.571	1	3.571	4.237	.067
Residual	8.429	10	.843		
Total	12.000	11			

Dependent Variable: MMP1

Predictor: kelompok

Coefficients

	Standardized Coefficients				
	Beta	Bootstrap (1000) Estimate of Std. Error	df	F	Sig.
kelompok	.546	.240	1	5.182	.046

Dependent Variable: MMP1

ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Regression	.119	1	.119	.100	.758
Residual	11.881	10	1.188		
Total	12.000	11			

Dependent Variable: selradang

Predictor: kelompok

Coefficients

	Standardized Coefficients				
	Beta	Bootstrap (1000) Estimate of Std. Error	df	F	Sig.
kelompok	-.100	.317	1	.099	.760

Dependent Variable: selradang

ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Regression	4.208	1	4.208	5.400	.042
Residual	7.792	10	.779		
Total	12.000	11			

Dependent Variable: TGFb

Predictor: kelompok

Coefficients

	Standardized Coefficients	df	F	Sig.

	Beta	Bootstrap (1000) Estimate of Std. Error			
kelompok	-.592	.140	1	17.813	.002

Dependent Variable: TGFb

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ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	3.007	1	3.007	1.026	.335[b]
	Residual	29.313	10	2.931		
	Total	32.320	11			
2	Regression	.000	0	.000	.	.[c]
	Residual	32.320	11	2.938		
	Total	32.320	11			

a. Dependent Variable: IL10

b. Predictors: (Constant), selradang

c. Predictor: (constant)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	2.138	1.159		1.845	.095
	selradang	.574	.567	.305	1.013	.335
2	(Constant)	3.200	.495		6.467	.000

a. Dependent Variable: IL10

Excluded Variables[a]

Model		Beta In	T	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
2	selradang	.305[b]	1.013	.335	.305	1.000

a. Dependent Variable: IL10

b. Predictor: (constant)

ANOVA[a]

Model	Sum of Squares	df	Mean Square	F	Sig.

1	Regression	1.448	2	.724	2.095	.179[b]
	Residual	3.112	9	.346		
	Total	4.560	11			
2	Regression	1.431	1	1.431	4.572	.058[c]
	Residual	3.129	10	.313		
	Total	4.560	11			

a. Dependent Variable: TNFalpha

b. Predictors: (Constant), IL10, selradang

c. Predictors: (Constant), IL10

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	2.012	.461		4.366	.002
	selradang	.046	.204	.065	.226	.826
	IL10	-.218	.109	-.580	-2.006	.076
2	(Constant)	2.073	.354		5.859	.000
	IL10	-.210	.098	-.560	-2.138	.058

a. Dependent Variable: TNFalpha

Excluded Variables[a]

Model		Beta In	T	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
2	selradang	.065[b]	.226	.826	.075	.907

a. Dependent Variable: TNFalpha

b. Predictors in the Model: (Constant), IL10

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	10.354	2	5.177	2.122	.176[b]
	Residual	21.953	9	2.439		
	Total	32.307	11			
2	Regression	10.294	1	10.294	4.676	.056[c]
	Residual	22.013	10	2.201		
	Total	32.307	11			

a. Dependent Variable: TGFb

b. Predictors: (Constant), IL10, selradang

c. Predictors: (Constant), IL10

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	3.752	1.224		3.066	.013
	selradang	-.085	.543	-.045	-.156	.879
	IL10	-.551	.288	-.551	-1.909	.089
2	(Constant)	3.639	.939		3.878	.003
	IL10	-.564	.261	-.564	-2.162	.056

a. Dependent Variable: TGFb

Excluded Variables[a]

Model		Beta In	T	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
2	selradang	-.045[b]	-.156	.879	-.052	.907

a. Dependent Variable: TGFb

b. Predictors in the Model: (Constant), IL10

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	32.258	3	10.753	2.255	.159[b]
	Residual	38.152	8	4.769		
	Total	70.410	11			
2	Regression	28.792	2	14.396	3.113	.094[c]
	Residual	41.618	9	4.624		
	Total	70.410	11			
3	Regression	16.383	1	16.383	3.032	.112[d]
	Residual	54.027	10	5.403		
	Total	70.410	11			
4	Regression	.000	0	.000	.	.[e]
	Residual	70.410	11	6.401		
	Total	70.410	11			

a. Dependent Variable: EGF2

b. Predictors: (Constant), TNFalpha, selradang, IL10

c. Predictors: (Constant), TNFalpha, selradang

d. Predictors: (Constant), selradang

e. Predictor: (constant)

Coefficients[a]

Model	Unstandardized Coefficients	Standardized Coefficients	t	Sig.

		B	Std. Error	Beta		
1	(Constant)	2.847	3.022		.942	.374
	selradang	1.017	.761	.366	1.337	.218
	IL10	.414	.485	.280	.852	.419
	TNFalpha	-1.073	1.238	-.273	-.867	.411
2	(Constant)	4.638	2.138		2.169	.058
	selradang	1.209	.716	.435	1.688	.126
	TNFalpha	-1.660	1.013	-.422	-1.638	.136
3	(Constant)	2.072	1.573		1.317	.217
	selradang	1.340	.769	.482	1.741	.112
4	(Constant)	4.550	.730		6.230	.000

a. Dependent Variable: EGF2

Excluded Variables[a]

Model		Beta In	T	Sig.	Partial Correlation	Collinearity Statistics Tolerance
2	IL10	.280[b]	.852	.419	.289	.627
3	IL10	.439[c]	1.628	.138	.477	.907
	TNFalpha	-.422[c]	-1.638	.136	-.479	.988
4	IL10	.545[d]	2.056	.067	.545	1.000
	TNFalpha	-.471[d]	-1.689	.122	-.471	1.000
	selradang	.482[d]	1.741	.112	.482	1.000

a. Dependent Variable: EGF2

b. Predictors in the Model: (Constant), TNFalpha, selradang

c. Predictors in the Model: (Constant), selradang

d. Predictor: (constant)

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	4.273	2	2.136	1.207	.343[b]
	Residual	15.924	9	1.769		
	Total	20.197	11			
2	Regression	3.398	1	3.398	2.023	.185[c]
	Residual	16.798	10	1.680		
	Total	20.197	11			
3	Regression	.000	0	.000	.	.[d]
	Residual	20.197	11	1.836		
	Total	20.197	11			

a. Dependent Variable: VEGF

b. Predictors: (Constant), IL10, selradang

c. Predictors: (Constant), IL10

d. Predictor: (constant)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	3.787	1.042		3.633	.005
	selradang	-.325	.462	-.218	-.703	.500
	IL10	-.272	.246	-.344	-1.105	.298
2	(Constant)	3.354	.820		4.091	.002
	IL10	-.324	.228	-.410	-1.422	.185
3	(Constant)	2.317	.391		5.923	.000

a. Dependent Variable: VEGF

Excluded Variables[a]

Model		Beta In	T	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
2	selradang	-.218[b]	-.703	.500	-.228	.907
3	selradang	-.323[c]	-1.080	.305	-.323	1.000
	IL10	-.410[c]	-1.422	.185	-.410	1.000

a. Dependent Variable: VEGF

b. Predictors in the Model: (Constant), IL10

c. Predictor: (constant)

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	199.794	3	66.598	2.500	.133[b]
	Residual	213.122	8	26.640		
	Total	412.917	11			
2	Regression	199.117	2	99.559	4.191	.052[c]
	Residual	213.799	9	23.755		
	Total	412.917	11			
3	Regression	194.323	1	194.323	8.890	.014[d]
	Residual	218.594	10	21.859		
	Total	412.917	11			

a. Dependent Variable: angiogenesis

b. Predictors: (Constant), TGFb, VEGF, IL10

c. Predictors: (Constant), TGFb, VEGF

d. Predictors: (Constant), TGFb

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	13.452	6.823		1.972	.084
	IL10	.189	1.186	.053	.159	.877
	VEGF	.571	1.261	.126	.453	.663
	TGFb	2.474	1.102	.692	2.245	.055
2	(Constant)	14.407	3.089		4.665	.001
	VEGF	.496	1.104	.110	.449	.664
	TGFb	2.378	.873	.665	2.723	.023
3	(Constant)	15.420	2.024		7.619	.000
	TGFb	2.453	.823	.686	2.982	.014

a. Dependent Variable: angiogenesis

Excluded Variables[a]

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
2	IL10	.053[b]	.159	.877	.056	.586
3	IL10	-.003[c]	-.011	.991	-.004	.681
	VEGF	.110[c]	.449	.664	.148	.964

a. Dependent Variable: angiogenesis

b. Predictors in the Model: (Constant), TGFb, VEGF

c. Predictors in the Model: (Constant), TGFb

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	7.475	4	1.869	2.369	.151[b]
	Residual	5.522	7	.789		
	Total	12.997	11			
2	Regression	7.453	3	2.484	3.585	.066[c]
	Residual	5.544	8	.693		
	Total	12.997	11			
3	Regression	7.309	2	3.655	5.784	.024[d]
	Residual	5.687	9	.632		
	Total	12.997	11			
4	Regression	7.111	1	7.111	12.082	.006[e]
	Residual	5.886	10	.589		
	Total	12.997	11			

a. Dependent Variable: MMP1

b. Predictors: (Constant), EGF2, TGFb, selradang, IL10

c. Predictors: (Constant), EGF2, TGFb, IL10

d. Predictors: (Constant), EGF2, IL10

e. Predictors: (Constant), IL10

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	1.150	1.027		1.120	.300
	IL10	.345	.247	.544	1.397	.205
	TGFb	-.096	.212	-.152	-.454	.663
	selradang	-.058	.347	-.049	-.168	.872
	EGF2	.098	.154	.228	.636	.545
2	(Constant)	1.064	.834		1.277	.237
	IL10	.350	.230	.552	1.523	.166
	TGFb	-.088	.193	-.138	-.455	.661
	EGF2	.086	.129	.201	.671	.521
3	(Constant)	.791	.550		1.437	.185
	IL10	.418	.167	.659	2.507	.033
	EGF2	.063	.113	.147	.560	.589
4	(Constant)	.916	.485		1.887	.089
	IL10	.469	.135	.740	3.476	.006

a. Dependent Variable: MMP1

Excluded Variables[a]

Model		Beta In	T	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
2	selradang	-.049[b]	-.168	.872	-.063	.719
3	selradang	-.016[c]	-.061	.953	-.021	.765
	TGFb	-.138[c]	-.455	.661	-.159	.576
4	selradang	.038[d]	.160	.876	.053	.907
	TGFb	-.058[d]	-.214	.835	-.071	.681
	EGF2	.147[d]	.560	.589	.184	.703

a. Dependent Variable: MMP1

b. Predictors in the Model: (Constant), EGF2, TGFb, IL10

c. Predictors in the Model: (Constant), EGF2, IL10

d. Predictors in the Model: (Constant), IL10

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	10.027	4	2.507	3.736	.062[b]
	Residual	4.697	7	.671		
	Total	14.725	11			
2	Regression	9.999	3	3.333	5.643	.022[c]
	Residual	4.725	8	.591		
	Total	14.725	11			
3	Regression	9.376	2	4.688	7.887	.010[d]
	Residual	5.349	9	.594		
	Total	14.725	11			

a. Dependent Variable: epitel

b. Predictors: (Constant), EGF2, TGFb, densitas_kolagen, angiogenesis

c. Predictors: (Constant), EGF2, densitas_kolagen, angiogenesis

d. Predictors: (Constant), densitas_kolagen, angiogenesis

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	3.559	1.594		2.233	.061
	TGFb	-.051	.248	-.075	-.205	.844
	angiogenesis	-.095	.060	-.501	-1.567	.161
	densitas_kolagen	-.388	.339	-.333	-1.144	.290
	EGF2	.112	.115	.244	.970	.364
2	(Constant)	3.773	1.130		3.340	.010
	angiogenesis	-.104	.039	-.549	-2.665	.029
	densitas_kolagen	-.429	.256	-.368	-1.675	.132
	EGF2	.103	.100	.225	1.028	.334
3	(Constant)	4.528	.860		5.263	.001
	angiogenesis	-.108	.039	-.572	-2.783	.021
	densitas_kolagen	-.525	.239	-.450	-2.193	.056

a. Dependent Variable: epitel

Excluded Variables[a]

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
2	TGFb	-.075[b]	-.205	.844	-.077	.338
3	TGFb	.059[c]	.176	.865	.062	.394
	EGF2	.225[c]	1.028	.334	.341	.840

a. Dependent Variable: epitel

b. Predictors in the Model: (Constant), EGF2, densitas_kolagen, angiogenesis

c. Predictors in the Model: (Constant), densitas_kolagen, angiogenesis

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	5.163	3	1.721	2.427	.141[b]
	Residual	5.674	8	.709		
	Total	10.837	11			
2	Regression	4.209	2	2.105	2.858	.109[c]
	Residual	6.627	9	.736		
	Total	10.837	11			
3	Regression	2.731	1	2.731	3.370	.096[d]
	Residual	8.106	10	.811		
	Total	10.837	11			

a. Dependent Variable: densitas_kolagen

b. Predictors: (Constant), EGF2, TGFb, MMP1

c. Predictors: (Constant), EGF2, TGFb

d. Predictors: (Constant), TGFb

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	1.539	.857		1.795	.110
	TGFb	.385	.172	.665	2.234	.056
	MMP1	.365	.315	.400	1.160	.280
	EGF2	-.222	.120	-.566	-1.844	.102
2	(Constant)	2.257	.603		3.741	.005
	TGFb	.283	.151	.489	1.874	.094
	EGF2	-.145	.102	-.370	-1.417	.190
3	(Constant)	1.584	.390		4.064	.002
	TGFb	.291	.158	.502	1.836	.096

a. Dependent Variable: densitas_kolagen

Excluded Variables[a]

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
2	MMP1	.400[b]	1.160	.280	.379	.550
3	MMP1	.049[c]	.151	.883	.050	.791
	EGF2	-.370[c]	-1.417	.190	-.427	.999

a. Dependent Variable: densitas_kolagen

b. Predictors in the Model: (Constant), EGF2, TGFb

c. Predictors in the Model: (Constant), TGFb

ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Regression	6.498	1	6.498	11.812	.006
Residual	5.502	10	.550		
Total	12.000	11			

Dependent Variable: TGFb

Predictor: kelompok

Coefficients

	Standardized Coefficients				
	Beta	Bootstrap (1000) Estimate of Std. Error	df	F	Sig.
kelompok	-.736	.116	1	40.352	.000

Dependent Variable: TGFb

ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Regression	7.030	1	7.030	14.144	.004
Residual	4.970	10	.497		
Total	12.000	11			

Dependent Variable: IL10

Predictor: kelompok

Coefficients

	Standardized Coefficients				
	Beta	Bootstrap (1000) Estimate of Std. Error	df	F	Sig.
kelompok	.765	.118	1	42.151	.000

Dependent Variable: IL10

ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Regression	1.182	1	1.182	1.092	.321
Residual	10.818	10	1.082		
Total	12.000	11			

Dependent Variable: selradang

Predictor: kelompok

Coefficients

	Standardized Coefficients				
	Beta	Bootstrap (1000) Estimate of Std. Error	df	F	Sig.
kelompok	.314	.274	1	1.307	.280

Dependent Variable: selradang

ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Regression	7.914	1	7.914	19.368	.001
Residual	4.086	10	.409		
Total	12.000	11			

Dependent Variable: TNFalpha

Predictor: kelompok

Coefficients

	Standardized Coefficients				
	Beta	Bootstrap (1000) Estimate of Std. Error	df	F	Sig.
kelompok	-.812	.098	1	68.686	.000

Dependent Variable: TNFalpha

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ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	20.471	1	20.471	8.569	.015[b]
	Residual	23.889	10	2.389		
	Total	44.360	11			

a. Dependent Variable: TGFbeta

b. Predictors: (Constant), selradang

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.008	1.215		-.006	.995
	selradang	2.230	.762	.679	2.927	.015

a. Dependent Variable: TGFbeta

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	5.542	1	5.542	4.024	.073[b]
	Residual	13.774	10	1.377		
	Total	19.317	11			

a. Dependent Variable: IL10

b. Predictors: (Constant), selradang

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	4.138	.922		4.485	.001
	selradang	-1.160	.578	-.536	-2.006	.073

a. Dependent Variable: IL10

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	5.089	2	2.544	3.414	.079[b]
	Residual	6.708	9	.745		
	Total	11.797	11			
2	Regression	4.037	1	4.037	5.203	.046[c]
	Residual	7.760	10	.776		

	Total	11.797	11			

a. Dependent Variable: TNF_alpha

b. Predictors: (Constant), IL10, selradang

c. Predictors: (Constant), selradang

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	2.442	1.178		2.074	.068
	selradang	-.670	.504	-.396	-1.329	.217
	IL10	.276	.233	.354	1.188	.265
2	(Constant)	3.586	.692		5.179	.000
	selradang	-.990	.434	-.585	-2.281	.046

a. Dependent Variable: TNF_alpha

Excluded Variables[a]

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
2	IL10	.354[b]	1.188	.265	.368	.713

a. Dependent Variable: TNF_alpha

b. Predictors in the Model: (Constant), selradang

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	11.639	3	3.880	1.285	.344[b]
	Residual	24.157	8	3.020		
	Total	35.797	11			
2	Regression	11.590	2	5.795	2.155	.172[c]
	Residual	24.207	9	2.690		
	Total	35.797	11			
3	Regression	11.365	1	11.365	4.652	.056[d]
	Residual	24.432	10	2.443		
	Total	35.797	11			

a. Dependent Variable: EGF

b. Predictors: (Constant), TNF_alpha, IL10, selradang

c. Predictors: (Constant), IL10, selradang

d. Predictors: (Constant), IL10

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	6.351	2.882		2.204	.059
	selradang	.334	1.109	.113	.301	.771
	IL10	-.722	.504	-.531	-1.434	.189
	TNF_alpha	.086	.671	.049	.128	.901
2	(Constant)	6.561	2.237		2.933	.017
	selradang	.277	.957	.094	.289	.779
	IL10	-.699	.442	-.513	-1.581	.148
3	(Constant)	7.137	.971		7.352	.000
	IL10	-.767	.356	-.563	-2.157	.056

a. Dependent Variable: EGF

Excluded Variables[a]

Model		Beta In	T	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
2	TNF_alpha	.049[b]	.128	.901	.045	.569
3	TNF_alpha	.002[c]	.007	.995	.002	.680
	selradang	.094[c]	.289	.779	.096	.713

a. Dependent Variable: EGF

b. Predictors in the Model: (Constant), IL10, selradang

c. Predictors in the Model: (Constant), IL10

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	10.446	4	2.612	2.777	.113[b]
	Residual	6.583	7	.940		
	Total	17.029	11			
2	Regression	10.440	3	3.480	4.225	.046[c]
	Residual	6.589	8	.824		
	Total	17.029	11			
3	Regression	9.385	2	4.692	5.524	.027[d]
	Residual	7.645	9	.849		
	Total	17.029	11			

a. Dependent Variable: MMP1

b. Predictors: (Constant), EGF, TGFbeta, IL10, selradang

c. Predictors: (Constant), EGF, TGFbeta, IL10

d. Predictors: (Constant), EGF, IL10

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	7.544	1.850		4.078	.005
	selradang	.062	.747	.031	.083	.936
	IL10	-.784	.296	-.835	-2.650	.033
	TGFbeta	-.172	.200	-.278	-.860	.418
	EGF	-.571	.198	-.827	-2.882	.024
2	(Constant)	7.610	1.564		4.866	.001
	IL10	-.792	.259	-.844	-3.065	.015
	TGFbeta	-.162	.143	-.261	-1.132	.290
	EGF	-.568	.184	-.824	-3.096	.015
3	(Constant)	6.884	1.449		4.752	.001
	IL10	-.718	.254	-.764	-2.827	.020
	EGF	-.566	.186	-.821	-3.037	.014

a. Dependent Variable: MMP1

Excluded Variables[a]

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
2	selradang	.031[b]	.083	.936	.031	.409
3	selradang	-.174[c]	-.634	.544	-.219	.707
	TGFbeta	-.261[c]	-1.132	.290	-.372	.911

a. Dependent Variable: MMP1

b. Predictors in the Model: (Constant), EGF, TGFbeta, IL10

c. Predictors in the Model: (Constant), EGF, IL10

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	301.158	3	100.386	2.620	.123[b]
	Residual	306.508	8	38.314		
	Total	607.667	11			
2	Regression	301.022	2	150.511	4.417	.046[c]
	Residual	306.645	9	34.072		
	Total	607.667	11			
3	Regression	225.428	1	225.428	5.898	.036[d]
	Residual	382.238	10	38.224		
	Total	607.667	11			

a. Dependent Variable: angiogenesis

b. Predictors: (Constant), VEGF, TGFbeta, IL10

c. Predictors: (Constant), VEGF, TGFbeta

d. Predictors: (Constant), TGFbeta

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	3.913	11.939		.328	.752
	IL10	-.109	1.832	-.020	-.060	.954
	TGFbeta	2.685	1.158	.725	2.319	.049
	VEGF	4.518	4.122	.363	1.096	.305
2	(Constant)	3.325	6.368		.522	.614
	TGFbeta	2.721	.931	.735	2.924	.017
	VEGF	4.664	3.131	.375	1.490	.171
3	(Constant)	11.394	3.545		3.214	.009
	TGFbeta	2.254	.928	.609	2.428	.036

a. Dependent Variable: angiogenesis

Excluded Variables[a]

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
2	IL10	-.020[b]	-.060	.954	-.021	.591
3	IL10	-.232[c]	-.871	.406	-.279	.911
	VEGF	.375[c]	1.490	.171	.445	.887

a. Dependent Variable: angiogenesis

b. Predictors in the Model: (Constant), VEGF, TGFbeta

c. Predictors in the Model: (Constant), TGFbeta

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1.454	3	.485	1.634	.257[b]
	Residual	2.372	8	.297		
	Total	3.827	11			
2	Regression	1.406	2	.703	2.613	.127[c]
	Residual	2.421	9	.269		
	Total	3.827	11			
3	Regression	1.205	1	1.205	4.594	.058[d]
	Residual	2.622	10	.262		

Total	3.827	11			

a. Dependent Variable: densitas_kolagen

b. Predictors: (Constant), EGF, TGFbeta, MMP1

c. Predictors: (Constant), EGF, TGFbeta

d. Predictors: (Constant), EGF

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	3.311	.760		4.359	.002
	MMP1	-.058	.144	-.122	-.403	.697
	TGFbeta	-.071	.083	-.242	-.856	.417
	EGF	-.186	.100	-.570	-1.873	.098
2	(Constant)	3.097	.516		5.996	.000
	TGFbeta	-.068	.079	-.232	-.865	.409
	EGF	-.171	.088	-.524	-1.950	.083
3	(Constant)	2.936	.476		6.171	.000
	EGF	-.183	.086	-.561	-2.143	.058

a. Dependent Variable: densitas_kolagen

Excluded Variables[a]

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
2	MMP1	-.122[b]	-.403	.697	-.141	.841
3	MMP1	-.100[c]	-.336	.745	-.111	.848
	TGFbeta	-.232[c]	-.865	.409	-.277	.974

a. Dependent Variable: densitas_kolagen

b. Predictors in the Model: (Constant), EGF, TGFbeta

c. Predictors in the Model: (Constant), EGF

ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Regression	7.190	1	7.190	14.948	.003
Residual	4.810	10	.481		
Total	12.000	11			

Dependent Variable: IL10

Predictor: kelompok

Coefficients

	Standardized Coefficients	df	F	Sig.

	Beta	Bootstrap (1000) Estimate of Std. Error			
kelompok	-.774	.126	1	38.041	.000

Dependent Variable: IL10

ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Regression	4.300	1	4.300	5.584	.040
Residual	7.700	10	.770		
Total	12.000	11			

Dependent Variable: selradang

Predictor: kelompok

Coefficients

	Standardized Coefficients				
	Beta	Bootstrap (1000) Estimate of Std. Error	df	F	Sig.
kelompok	.599	.205	1	8.532	.015

Dependent Variable: selradang

ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Regression	4.313	1	4.313	5.610	.039
Residual	7.687	10	.769		
Total	12.000	11			

Dependent Variable: EGF

Predictor: kelompok

Coefficients

	Standardized Coefficients				
	Beta	Bootstrap (1000) Estimate of Std. Error	df	F	Sig.
kelompok	.599	.182	1	10.906	.008

Dependent Variable: EGF

ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Regression	.001	1	.001	.001	.980
Residual	11.999	10	1.200		

Total	12.000	11			

Dependent Variable: selradang

Predictor: kelompok

Coefficients

	Standardized Coefficients				
	Beta	Bootstrap (1000) Estimate of Std. Error	df	F	Sig.
kelompok	.008	.325	1	.001	.980

Dependent Variable: selradang

ANALISA JALUR HARI KE-7 KELOMPOK PERLAKUAN DAN KONTROL POSITIF

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	6.923	4	1.731	1.959	.205[b]
	Residual	6.183	7	.883		
	Total	13.107	11			
2	Regression	6.761	3	2.254	2.841	.106[c]
	Residual	6.346	8	.793		
	Total	13.107	11			
3	Regression	6.235	2	3.117	4.082	.055[d]
	Residual	6.872	9	.764		
	Total	13.107	11			
4	Regression	4.438	1	4.438	5.120	.047[e]
	Residual	8.668	10	.867		
	Total	13.107	11			

a. Dependent Variable: MMP1

b. Predictors: (Constant), TGFb, selradang, IL10, EGF2

c. Predictors: (Constant), TGFb, IL10, EGF2

d. Predictors: (Constant), TGFb, IL10

e. Predictors: (Constant), IL10

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	1.809	1.078		1.677	.137
	selradang	-.157	.365	-.124	-.429	.681
	IL10	.227	.209	.350	1.086	.313
	EGF2	.156	.179	.316	.873	.412

	TGFb	-.465	.496	-.278	-.938	.380
2	(Constant)	1.676	.979		1.712	.125
	IL10	.224	.198	.345	1.131	.291
	EGF2	.129	.159	.262	.814	.439
	TGFb	-.527	.450	-.314	-1.170	.276
3	(Constant)	2.089	.822		2.541	.032
	IL10	.312	.162	.481	1.925	.086
	TGFb	-.643	.419	-.384	-1.534	.159
4	(Constant)	1.188	.613		1.939	.081
	IL10	.377	.167	.582	2.263	.047

a. Dependent Variable: MMP1

Excluded Variables[a]

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics Tolerance
2	selradang	-.124[b]	-.429	.681	-.160	.809
3	selradang	-.036[c]	-.134	.896	-.047	.921
	EGF2	.262[c]	.814	.439	.277	.586
4	selradang	-.102[d]	-.371	.719	-.123	.952
	EGF2	.381[d]	1.224	.252	.378	.651
	TGFb	-.384[d]	-1.534	.159	-.455	.931

a. Dependent Variable: MMP1

b. Predictors in the Model: (Constant), TGFb, IL10, EGF2

c. Predictors in the Model: (Constant), TGFb, IL10

d. Predictors in the Model: (Constant), IL10

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	213.969	3	71.323	2.137	.174[b]
	Residual	266.947	8	33.368		
	Total	480.917	11			
2	Regression	213.430	2	106.715	3.591	.071[c]
	Residual	267.486	9	29.721		
	Total	480.917	11			
3	Regression	181.044	1	181.044	6.037	.034[d]
	Residual	299.873	10	29.987		
	Total	480.917	11			

a. Dependent Variable: angiogenesis

b. Predictors: (Constant), IL10, VEGF, TGFb

c. Predictors: (Constant), VEGF, TGFb

d. Predictors: (Constant), TGFb

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	8.400	7.671		1.095	.305
	TGFb	6.521	2.796	.642	2.332	.048
	VEGF	2.561	2.594	.268	.987	.352
	IL10	.140	1.104	.036	.127	.902
2	(Constant)	9.095	5.073		1.793	.107
	TGFb	6.420	2.530	.632	2.537	.032
	VEGF	2.483	2.379	.260	1.044	.324
3	(Constant)	13.273	3.132		4.238	.002
	TGFb	6.229	2.535	.614	2.457	.034

a. Dependent Variable: angiogenesis

Excluded Variables[a]

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
2	IL10	.036[b]	.127	.902	.045	.879
3	IL10	-.030[c]	-.110	.915	-.037	.931
	VEGF	.260[c]	1.044	.324	.329	.995

a. Dependent Variable: angiogenesis

b. Predictors in the Model: (Constant), VEGF, TGFb

c. Predictors in the Model: (Constant), TGFb

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	8.181	4	2.045	2.934	.102[b]
	Residual	4.879	7	.697		
	Total	13.060	11			
2	Regression	8.139	3	2.713	4.411	.041[c]
	Residual	4.921	8	.615		
	Total	13.060	11			
3	Regression	7.173	2	3.587	5.483	.028[d]
	Residual	5.887	9	.654		
	Total	13.060	11			

a. Dependent Variable: epitel

b. Predictors: (Constant), EGF2, densitas_kolagen, TGFb, angiogenesis

c. Predictors: (Constant), EGF2, densitas_kolagen, TGFb

d. Predictors: (Constant), EGF2, densitas_kolagen

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	2.629	1.730		1.520	.172
	TGFb	-.419	.545	-.250	-.768	.467
	angiogenesis	-.015	.059	-.088	-.245	.814
	densitas_kolagen	-.809	.420	-.524	-1.925	.096
	EGF2	.179	.133	.364	1.351	.219
2	(Constant)	2.288	.963		2.376	.045
	TGFb	-.502	.401	-.300	-1.253	.246
	densitas_kolagen	-.756	.339	-.490	-2.233	.056
	EGF2	.190	.117	.387	1.631	.142
3	(Constant)	1.593	.812		1.962	.081
	densitas_kolagen	-.818	.346	-.530	-2.367	.042
	EGF2	.249	.110	.506	2.261	.050

a. Dependent Variable: epitel

Excluded Variables[a]

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
2	angiogenesis	-.088[b]	-.245	.814	-.092	.412
3	angiogenesis	-.260[c]	-.950	.370	-.318	.674
	TGFb	-.300[c]	-1.253	.246	-.405	.821

a. Dependent Variable: epitel

b. Predictors in the Model: (Constant), EGF2, densitas_kolagen, TGFb

c. Predictors in the Model: (Constant), EGF2, densitas_kolagen

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1.126	3	.375	.689	.584[b]
	Residual	4.354	8	.544		
	Total	5.480	11			
2	Regression	.951	2	.476	.945	.424[c]
	Residual	4.529	9	.503		
	Total	5.480	11			

3	Regression	.383	1	.383	.751	.406[d]
	Residual	5.097	10	.510		
	Total	5.480	11			
4	Regression	.000	0	.000	.	.[e]
	Residual	5.480	11	.498		
	Total	5.480	11			

a. Dependent Variable: densitas_kolagen

b. Predictors: (Constant), EGF2, TGFb, MMP1

c. Predictors: (Constant), TGFb, MMP1

d. Predictors: (Constant), MMP1

e. Predictor: (constant)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.723	.947		.763	.467
	MMP1	.370	.272	.572	1.360	.211
	TGFb	.373	.401	.344	.930	.379
	EGF2	-.071	.126	-.224	-.566	.587
2	(Constant)	.551	.863		.639	.539
	MMP1	.294	.228	.455	1.292	.228
	TGFb	.406	.382	.374	1.063	.315
3	(Constant)	1.284	.522		2.459	.034
	MMP1	.171	.197	.264	.867	.406
4	(Constant)	1.700	.204		8.343	.000

a. Dependent Variable: densitas_kolagen

Excluded Variables[a]

Model		Beta In	T	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
2	EGF2	-.224[b]	-.566	.587	-.196	.637
3	EGF2	-.276[c]	-.712	.494	-.231	.650
	TGFb	.374[c]	1.063	.315	.334	.740
4	EGF2	-.023[d]	-.074	.943	-.023	1.000
	TGFb	.142[d]	.455	.659	.142	1.000
	MMP1	.264[d]	.867	.406	.264	1.000

a. Dependent Variable: densitas_kolagen

b. Predictors in the Model: (Constant), TGFb, MMP1

c. Predictors in the Model: (Constant), MMP1

d. Predictor: (constant)

ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Regression	.014	1	.014	.011	.917
Residual	11.986	10	1.199		
Total	12.000	11			

Dependent Variable: selradang

Predictor: kelompok

Coefficients

	Standardized Coefficients				
	Beta	Bootstrap (1000) Estimate of Std. Error	df	F	Sig.
kelompok	.034	.298	1	.013	.913

Dependent Variable: selradang

ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Regression	6.247	1	6.247	10.857	.008
Residual	5.753	10	.575		
Total	12.000	11			

Dependent Variable: IL10

Predictor: kelompok

Coefficients

	Standardized Coefficients				
	Beta	Bootstrap (1000) Estimate of Std. Error	df	F	Sig.
kelompok	.721	.149	1	23.554	.001

Dependent Variable: IL10

ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Regression	5.749	1	5.749	9.196	.013
Residual	6.251	10	.625		
Total	12.000	11			

Dependent Variable: TGFb

Predictor: kelompok

Coefficients

	Standardized Coefficients				
	Beta	Bootstrap (1000) Estimate of Std. Error	df	F	Sig.
kelompok	-.692	.128	1	29.266	.000

Dependent Variable: TGFb

ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Regression	7.708	1	7.708	17.958	.002
Residual	4.292	10	.429		
Total	12.000	11			

Dependent Variable: TNFalpha

Predictor: kelompok

Coefficients

	Standardized Coefficients				
	Beta	Bootstrap (1000) Estimate of Std. Error	df	F	Sig.
kelompok	-.801	.085	1	88.615	.000

Korelasi tebal re-epitelialisasi dan luas re-eppitelialisasi

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
luas_epitel	18	100.0%	0	0.0%	18	100.0%
epitel	18	100.0%	0	0.0%	18	100.0%

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
luas_epitel	.276	18	.001	.767	18	.001
epitel	.228	18	.014	.878	18	.024

a. Lilliefors Significance Correction

luas_epitel

epitel

Page

Correlations

Notes

Output Created		12-MAR-2020 01:41:01
Comments		
Input	Data	C:\Users\Nova Primadina\Documents\penelitians3\hasil statistika uji sendiri\hasil variabel hari ke 7.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	18
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each pair of variables are based on all the cases with valid data for that pair.
Syntax		CORRELATIONS /VARIABLES=epitel luas_epitel /PRINT=TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,03
	Elapsed Time	00:00:00,50

Correlations

		epitel	luas_epitel
epitel	Pearson Correlation	1	.667**
	Sig. (2-tailed)		.003
	N	18	18
luas_epitel	Pearson Correlation	.667**	1
	Sig. (2-tailed)	.003	
	N	18	18

**. Correlation is significant at the 0.01 level (2-tailed).

Nonparametric Correlations

Notes

Output Created	12-MAR-2020 01:55:07
Comments	

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	Split File	<none>
	N of Rows in Working Data File	18
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each pair of variables are based on all the cases with valid data for that pair.
Syntax		NONPAR CORR /VARIABLES=epitel luas_epitel /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,03
	Elapsed Time	00:00:00,02
	Number of Cases Allowed	629145 cases[a]

a. Based on availability of workspace memory

Correlations

			epitel	luas_epitel
Spearman's rho	epitel	Correlation Coefficient	1.000	.768**
		Sig. (2-tailed)	.	.000
		N	18	18
	luas_epitel	Correlation Coefficient	.768**	1.000
		Sig. (2-tailed)	.000	.
		N	18	18

**. Correlation is significant at the 0.01 level (2-tailed).

Nonparametric Correlations

Notes

Output Created		19-MAR-2020 18:09:56
Comments		
Input	Data	C:\Users\Nova Primadina\Documents\penelitians3\hasil statistika uji sendiri\hasil variabel hari ke 3end.sav

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	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	41
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each pair of variables are based on all the cases with valid data for that pair.
Syntax		NONPAR CORR /VARIABLES=epitel luas_epitel /PRINT=SPEARMAN TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,03
	Elapsed Time	00:00:00,03
	Number of Cases Allowed	629145 cases[a]

a. Based on availability of workspace memory

Correlations

			epitel	luas_epitel
Spearman's rho	epitel	Correlation Coefficient	1.000	1.000**
		Sig. (2-tailed)	.	.
		N	18	18
	luas_epitel	Correlation Coefficient	1.000**	1.000
		Sig. (2-tailed)	.	.
		N	18	18

**. Correlation is significant at the 0.01 level (2-tailed).

Correlations

Notes

Output Created		19-MAR-2020 18:10:44
Comments		
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	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	41

Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each pair of variables are based on all the cases with valid data for that pair.
Syntax		CORRELATIONS /VARIABLES=epitel luas_epitel /PRINT=TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00,03
	Elapsed Time	00:00:00,02

Correlations

		epitel	luas_epitel
epitel	Pearson Correlation	1	1.000**
	Sig. (2-tailed)		.000
	N	18	18
luas_epitel	Pearson Correlation	1.000**	1
	Sig. (2-tailed)	.000	
	N	18	18

**. Correlation is significant at the 0.01 level (2-tailed).

Bukti Percepatan Re-epitelialisasi dan ketebalan epitel hari ke-3 pada kelompok perlakuan tidak berbeda bermakna dengan hari ke-7 pada kelompok kontrol negatif

```
T-TEST  GROUPS=kelompok('1'  '3')
  /MISSING=ANALYSIS
  /VARIABLES=selradang  TNFalpha  1110  VEGF  angiogenesis  MMPl  TGFb  densitas  k
olagen  EGF2  epitel
    luas_epitel
  /CRITERIA=CI(.95).
```

T-Test

Group Statistics

	kelompok	N	Mean	Std. Deviation	Std. Error Mean
selradang	kontrol negatif H7	6	1.5667	.79415	.32421
	perlakuan H3	6	2.0000	.52154	.21292
TNFalpha	kontrol negatif H7	6	1.9000	.41473	.16931
	perlakuan H3	6	1.0667	.53166	.21705
IL10	kontrol negatif H7	6	1.9333	.88242	.36025
	perlakuan H3	6	2.4333	.75277	.30732
VEGF	kontrol negatif H7	6	3.1333	1.27541	.52068
	perlakuan H3	6	2.9000	.92736	.37859
angiogenesis	kontrol negatif H7	6	22.8333	6.79461	2.77389
	perlakuan H3	6	29.6667	4.67618	1.90904
MMP1	kontrol negatif H7	6	1.8333	.88919	.36301
	perlakuan H3	6	2.5000	.89219	.36423
TGFb	kontrol negatif H7	6	3.0333	1.71775	.70127
	perlakuan H3	6	.8000	.41952	.17127
densitas_kolagen	kontrol negatif H7	6	2.8333	.83347	.34026
	perlakuan H3	6	1.7000	.27568	.11255
EGF2	kontrol negatif H7	6	3.2667	1.95823	.79944
	perlakuan H3	6	4.3333	1.92942	.78768
epitel	kontrol negatif H7	6	.48600	.776447	.316983
	perlakuan H3	6	.66767	.787592	.321533
luas_epitel	kontrol negatif H7	6	12.6733	16.57225	6.76559
	perlakuan H3	6	.6677	.78759	.32153

Page

Independent samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig	t	df	Sig. (2-tailed)	Mean Difference	Std Error Difference	Lower	Upper
selradang	Equal variances assumed	1.875	.201	-1.117	10	.290	-.43333	.38787	-1.29757	.43090
	Equal variances not assumed			-1.117	8.638	.294	-.43333	.38787	-1.31642	.44976
TNFalpha	Equal variances assumed	1.953	.192	3.027	10	.013	1.83333	.27528	.21998	3.44669
	Equal variances not assumed			3.027	9.441	.014	1.83333	.27528	.21502	3.45165
IL10	Equal variances assumed	.115	.741	-.156	10	.316	-.50000	.47352	-1.55507	.55507
	Equal variances not assumed			-.156	9.758	.316	-.50000	.47352	-1.55883	.55883
VEGF	Equal variances assumed	.488	.501	.382	10	.725	.23333	.84377	-1.20108	1.66775
	Equal variances not assumed			.382	9.132	.725	.23333	.84377	-1.21978	1.68645
angiogenesis	Equal variances assumed	.498	.496	-2.029	10	.070	-6.83333	3.38733	-14.33820	.66954
	Equal variances not assumed			-2.029	8.889	.073	-6.83333	3.38733	-14.46800	.80133
MMP1	Equal variances assumed	.211	.656	-.196	10	.224	-.66667	.51424	-1.81247	.47914
	Equal variances not a=med			-.196	10.000	.224	-.66667	.51424	-1.81247	.47914
TGFb	Equal variances assumed	2.519	.144	3.094	10	.011	2.23333	.72186	.62486	3.84178
	Equal variances not assumed			3.094	5.594	.023	2.23333	.72186	.43544	4.03123
densitas_kolagen	Equal variances assumed	3.769	.081	3.162	10	.010	1.13333	.35839	.33479	1.93188
	Equal variances not assumed			3.162	6.081	.019	1.13333	.35839	.25921	2.00746
EGF2	Equal variances assumed	.047	.832	-.950	10	.384	-.06667	.12230	-.35673	.14339
	Equal variances not assumed			-.950	9.998	.384	-.06667	.12230	-.35638	.14340
epitel	Equal variances assumed	.013	.913	-.402	10	.696	-.18167	.45151	-1.18769	.82438
	Equal variances not assumed			-.402	9.998	.696	-.18167	.45151	-1.18772	.82439
luas_epitel	Equal variances assumed	22.485	.001	1.773	10	.107	12.00567	6.77323	-3.08603	27.09737
	Equal variances not assumed			1.773	5.023	.136	12.00567	6.77323	-5.38195	29.39329

```
T-TEST GROUPS=kelompok('1' '2')
  /MISSING=ANALYSIS
  /VARIABLES=selradang TNFalpha IL10 VEGF angiogenesis MMP1 TGFb densitas_k
olagen EGF2 epitel
  /CRITERIA=CI(.95)
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T-Test

Group Statistics

	kelompok	N	Mean	Std. Deviation	Std. Error Mean
selradang	kontrol negatif H7	6	1.5667	.79415	.32421
	perlakuan H1	6	1.8333	.55737	.22755
TNFalpha	kontrol negatif H7	6	1.9000	.41473	.16931
	perlakuan H1	6	1.3333	.43205	.17638
IL10	kontrol negatif H7	6	1.9333	.88242	.36025
	perlakuan H1	6	1.4333	.70899	.28944
VEGF	kontrol negatif H7	6	3.1333	1.27541	.52068
	perlakuan H1	6	1.7333	.68896	.28127
angiogenesis	kontrol negatif H7	6	22.8333	6.79461	2.77389
	perlakuan H1	6	22.5000	6.28490	2.56580
MMP1	kontrol negatif H7	6	1.8333	.88919	.36301
	perlakuan H1	6	2.3167	1.50255	.61341
TGFb	kontrol negatif H7	6	3.0333	1.71775	.70127
	perlakuan H1	6	3.7333	1.94594	.79443
densitas_kolagen	kontrol negatif H7	6	2.8333	.83347	.34026
	perlakuan H1	6	1.7000	.56214	.22949
EGF2	kontrol negatif H7	6	3.2667	1.95823	.79944
	perlakuan H1	6	6.3000	1.64803	.67281
epitel	kontrol negatif H7	6	.48600	.776447	.316983
	perlakuan H1	6	.00000	.000000	.000000

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
selradang	Equal variances assumed	1.023	.336	-.673	10	.516	-.26667	.39609	-1.14921	.61588
	Equal variances not assumed			-.673	8.964	.518	-.26667	.39609	-1.16324	.82990
TNFalpha	Equal variances assumed	.057	.818	2.318	10	.043	.56667	.24449	.02190	1.11144
	Equal variances not assumed			2.318	9.983	.043	.56667	.24449	.02177	1.11156
IL10	Equal variances assumed	.536	.481	1.082	10	.305	.50000	.48212	-.52967	1.52967
	Equal variances not assumed			1.082	9.557	.306	.50000	.48212	-.53618	1.53618
VEGF	Equal variances assumed	1.610	.233	2.366	10	.040	1.40000	.59180	.08140	2.71880
	Equal variances not assumed			2.366	7.689	.047	1.40000	.59180	.02565	2.77435
angiogenesis	Equal variances assumed	.019	.894	.088	10	.931	.33333	3.77859	-8.08590	8.75257
	Equal variances not assumed			.088	9.940	.931	.33333	3.77859	-8.09282	8.75948
MMP1	Equal variances assumed	1.090	.321	-.678	10	.513	-.48333	.71278	-2.07151	1.10484
	Equal variances not assumed			-.678	8.120	.517	-.48333	.71278	-2.12280	1.15614
TGFb	Equal variances assumed	.556	.473	-.881	10	.524	-.70000	1.05966	-3.06108	1.88108
	Equal variances not assumed			-.881	9.848	.524	-.70000	1.05966	-3.08802	1.68802
densitas_kolagen	Equal variances assumed	.510	.492	2.761	10	.020	1.13333	.41042	.21886	2.04781
	Equal variances not assumed			2.761	8.769	.023	1.13333	.41042	.20116	2.06551
EGF2	Equal variances assumed	.007	.936	-2.903	10	.016	-3.03333	1.04488	-5.38147	-.70519
	Equal variances not assumed			-2.903	9.717	.016	-3.03333	1.04488	-5.37071	-.69596
epitel	Equal variances assumed	25.452	.001	1.533	10	.156	.486000	.316983	-.220283	1.192283
	Equal variances not assumed			1.533	5.000	.186	.486000	.316983	-.328831	1.300831

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DATASET  ACTIVATE
Datasets. DATASET
CLOSE  DataSet3.
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