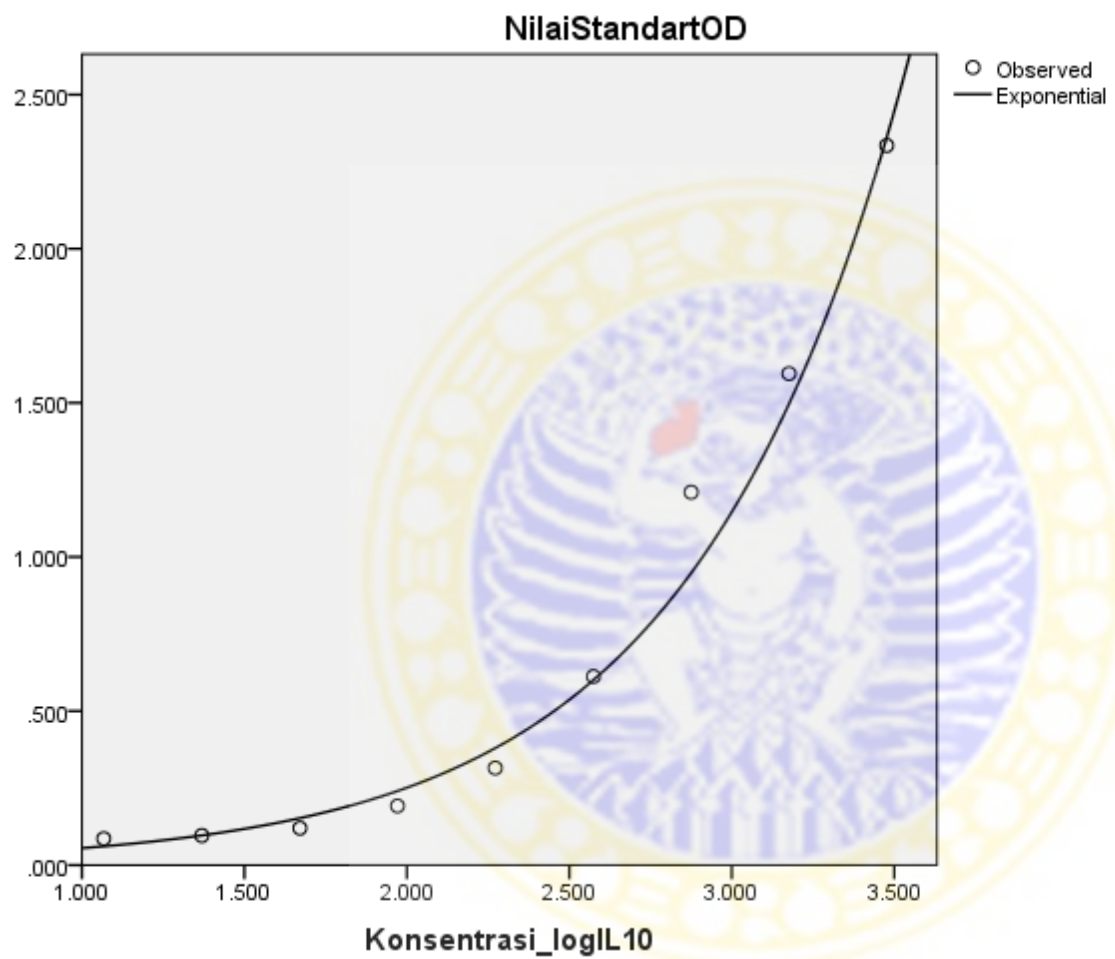


**Lampiran****1. Pembuatan kurva standar konsentrasi IL-10**

| No. | Konsentrasi IL-10 (pg/mL) | Log konsentrasi IL-10 (pg/mL) | Nilai standar OD <sub>450</sub> |
|-----|---------------------------|-------------------------------|---------------------------------|
| 1   | 3000,000                  | 3,471                         | 2,335                           |
| 2   | 1500,000                  | 3,176                         | 1,595                           |
| 3   | 750,000                   | 2,875                         | 1,210                           |
| 4   | 375,000                   | 2,574                         | 0,612                           |
| 5   | 187,500                   | 2,273                         | 0,315                           |
| 6   | 93,750                    | 1,971                         | 0,192                           |
| 7   | 46,875                    | 1,671                         | 0,120                           |
| 8   | 23,438                    | 1,369                         | 0,096                           |
| 9   | 11,719                    | 1,068                         | 0,086                           |



**Model Summary and Parameter Estimates**

Dependent Variable: NilaiStandartOD

| Equation    | Model Summary |         |     |     |      | Parameter Estimates |       |
|-------------|---------------|---------|-----|-----|------|---------------------|-------|
|             | R Square      | F       | df1 | df2 | Sig. | Constant            | b1    |
| Exponential | .975          | 269.659 | 1   | 7   | .000 | .012                | 1.517 |

The independent variable is Konsentrasi\_logIL10.

Persamaan eksponensial yang didapat adalah:

$$\ln Y = 1,517 + \ln 0,012$$

Y= nilai OD ; X= Konsentrasi IL-10

**2. Konsentrasi IL-10 pada tiap kelompok perlakuan berdasarkan persamaan eksponensial  $\ln Y = 1,517 + \ln 0,012$ .**

| Perlakuan | Konsentrasi IL-10 pada replikasi ke- (pg/mL) |       |       |       |
|-----------|--|-------|-------|-------|
|           | 1  | 2     | 3     | 4     |
| K         | 30,88  | 29,27 | 23,48 | 30,07 |
| K+        | 23,11  | 20,93 | 17,13 | 19,52 |
| K-        | 38,07  | 27,68 | 49,06 | 27,68 |
| P1        | 30,48  | 32,53 | 31,70 | 23,48 |
| P2        | 23,48  | 27,68 | 27,29 | 28,47 |
| P3        | 19,52  | 23,11 | 20,57 | 24,23 |

### 3. Uji statistik konsentrasi IL-10

#### 1. Uji Normalitas

**One-Sample Kolmogorov-Smirnov Test**

|                                  |                | Unstandardized Residual |
|----------------------------------|----------------|-------------------------|
| N                                |                | 24                      |
| Normal Parameters <sup>a,b</sup> | Mean           | .0000000                |
|                                  | Std. Deviation | 6.75252049              |
|                                  | Absolute       | .150                    |
| Most Extreme Differences         | Positive       | .150                    |
|                                  | Negative       | -.068                   |
| Kolmogorov-Smirnov Z             |                | .736                    |
| Asymp. Sig. (2-tailed)           |                | .651                    |

a. Test distribution is Normal.

b. Calculated from data.

## 2. Uji Homogenitas

### Test of Homogeneity of Variances

Konsentrasi\_IL10\_4

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| 4.438            | 5   | 18  | .008 |

### Robust Tests of Equality of Means

Konsentrasi\_IL10\_4

|                | Statistic <sup>a</sup> | df1 | df2   | Sig. |
|----------------|------------------------|-----|-------|------|
| Brown-Forsythe | 5.038                  | 5   | 5.825 | .039 |

a. Asymptotically F distributed.

## 3. Uji T

Group Statistics

|                  | Perlakuan | N | Mean      | Std. Deviation | Std. Error Mean |
|------------------|-----------|---|-----------|----------------|-----------------|
| KonsentrasilL_10 | K         | 4 | 28.426948 | 3.3621942      | 1.6810971       |
|                  | K+        | 4 | 20.174200 | 2.5077006      | 1.2538503       |

Independent Samples Test

|                  | Levene's Test for Equality of Variances | t-test for Equality of Means |      |       |       |                 |                 |                       |   |            |
|------------------|---|------------------------------|------|-------|-------|-----------------|-----------------|-----------------------|---|------------|
|                  |   | F                            | Sig. | t     | df    | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference |            |
|                  |   |                              |      |       |       |                 |                 |                       | Lower                                     | Upper      |
| KonsentrasilL_10 | Equal variances assumed                 | .320                         | .592 | 3.935 | 6     | .008            | 8.2527475       | 2.0971953             | 3.1210956                                 | 13.3843994 |
|                  | Equal variances not assumed             |                              |      | 3.935 | 5.549 | .009            | 8.2527475       | 2.0971953             | 3.0182685                                 | 13.4872265 |

Group Statistics

|                  | Perlakuan | N | Mean      | Std. Deviation | Std. Error Mean |
|------------------|-----------|---|-----------|----------------|-----------------|
| KonsentrasilL_10 | K         | 4 | 28.426948 | 3.3621942      | 1.6810971       |
|                  | K-        | 4 | 35.625100 | 10.2109454     | 5.1054727       |

## Independent Samples Test

|                      | Levene's Test for Equality of Variances |      | t-test for Equality of Means |       |                 |                 |                       |   |           |
|----------------------|---|------|------------------------------|-------|-----------------|-----------------|-----------------------|---|-----------|
|                      | F                                       | Sig. | t                            | df    | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference |           |
|                      |   |      |                              |       |                 |                 |                       | Lower                                     | Upper     |
| Konsentras<br>iIL_10 | 5.459                                   | .075 | -1.339                       | 6     | .049            | -7.1981525      | 5.3862333             | -20.3506028                               | 5.9542978 |
|                      |   |      | -1.339                       | 3.643 | .078            | -7.1981525      | 5.3862333             | -22.7167908                               | 8.3204858 |

## Group Statistics

|                      | Perlakuan | N | Mean      | Std. Deviation | Std. Error Mean |
|----------------------|-----------|---|-----------|----------------|-----------------|
| Konsentras<br>iIL_10 | K         | 4 | 28.426948 | 3.3621942      | 1.6810971       |
|                      | P1        | 4 | 29.548675 | 4.1318935      | 2.0659468       |



## Independent Samples Test

|           | Levene's Test for Equality of Variances |      | t-test for Equality of Means |       |                 |                 |                       |   |           |
|-----------|---|------|------------------------------|-------|-----------------|-----------------|-----------------------|---|-----------|
|           | F                                       | Sig. | t                            | df    | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference |           |
|           |   |      |                              |       |                 |                 |                       | Lower                                     | Upper     |
| Konsentra | .158                                    | .705 | -.421                        | 6     | .688            | -1.1217275      | 2.6634983             | -7.6390732                                | 5.3956182 |
| silL_10   |   |      | -.421                        | 5.762 | .689            | -1.1217275      | 2.6634983             | -7.7049098                                | 5.4614548 |

## Group Statistics

|                  | Perlakuan | N | Mean      | Std. Deviation | Std. Error Mean |
|------------------|-----------|---|-----------|----------------|-----------------|
| KonsentrasilL_10 | K         | 4 | 28.426948 | 3.3621942      | 1.6810971       |
|                  | P2        | 4 | 26.731600 | 2.2221531      | 1.1110766       |

## Independent Samples Test

|                             | Levene's Test for Equality of Variances |      | t-test for Equality of Means |       |                 |                 |                       |   |           |
|-----------------------------|---|------|------------------------------|-------|-----------------|-----------------|-----------------------|---|-----------|
|                             | F                                       | Sig. | t                            | df    | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference |           |
|                             |   |      |                              |       |                 |                 |                       | Lower                                     | Upper     |
| Konsentra<br>silL_10        | .629                                    | .458 | .841                         | 6     | .432            | 1.6953475       | 2.0150877             | -3.2353945                                | 6.6260895 |
| Equal variances assumed     |   |      | .841                         | 5.201 | .437            | 1.6953475       | 2.0150877             | -3.4249776                                | 6.8156726 |
| Equal variances not assumed |   |      |                              |       |                 |                 |                       |   |           |

## Group Statistics

|                  | Perlakuan | N | Mean      | Std. Deviation | Std. Error Mean |
|------------------|-----------|---|-----------|----------------|-----------------|
| KonsentrasilL_10 | K         | 4 | 28.426948 | 3.3621942      | 1.6810971       |
|                  | P3        | 4 | 21.859665 | 2.1816199      | 1.0908100       |

## Independent Samples Test

|                      | Levene's Test for Equality of Variances |      | t-test for Equality of Means |       |                 |                 |                       |   |            |
|----------------------|---|------|------------------------------|-------|-----------------|-----------------|-----------------------|---|------------|
|                      | F                                       | Sig. | t                            | df    | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference |            |
|                      |   |      |                              |       |                 |                 |                       | Lower                                     | Upper      |
| Konsentras<br>iIL_10 | .497                                    | .507 | 3.277                        | 6     | .017            | 6.5672825       | 2.0039845             | 1.6637091                                 | 11.4708559 |
|                      |   |      | 3.277                        | 5.146 | .021            | 6.5672825       | 2.0039845             | 1.4594695                                 | 11.6750955 |

## Group Statistics

|                      | Perlakuan | N | Mean      | Std. Deviation | Std. Error Mean |
|----------------------|-----------|---|-----------|----------------|-----------------|
| Konsentras<br>iIL_10 | K+        | 4 | 20.174200 | 2.5077006      | 1.2538503       |
|                      | K-        | 4 | 35.625100 | 10.2109454     | 5.1054727       |

## Independent Samples Test

|                      | Levene's Test for Equality of Variances |      | t-test for Equality of Means |       |                 |                 |                       |   |            |
|----------------------|---|------|------------------------------|-------|-----------------|-----------------|-----------------------|---|------------|
|                      | F                                       | Sig. | t                            | df    | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference |            |
|                      |   |      |                              |       |                 |                 |                       | Lower                                     | Upper      |
| Konsentras<br>iIL_10 | 6.895                                   | .051 | -2.939                       | 6     | .025            | -15.4509000     | 5.3682848             | -28.3147678                               | -2.5870322 |
|                      |   |      | -2.939                       | 3.361 | .055            | -15.4509000     | 5.3682848             | -31.2105224                               | .3087224   |

## Group Statistics

|                   | Perlakuan | N | Mean      | Std. Deviation | Std. Error Mean |
|-------------------|-----------|---|-----------|----------------|-----------------|
| Konsentras iIL_10 | K+        | 4 | 20.174200 | 2.5077006      | 1.2538503       |
|                   | P1        | 4 | 29.548675 | 4.1318935      | 2.0659468       |

## Independent Samples Test

|                      | Levene's Test for Equality of Variances |      | t-test for Equality of Means |       |                 |                 |                       |   |            |
|----------------------|---|------|------------------------------|-------|-----------------|-----------------|-----------------------|---|------------|
|                      | F                                       | Sig. | t                            | df    | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference |            |
|                      |   |      |                              |       |                 |                 |                       | Lower                                     | Upper      |
| Konsentras<br>iIL_10 | .861                                    | .389 | -3.879                       | 6     | .008            | -9.3744750      | 2.4166664             | -15.2878447                               | -3.4611053 |
|                      |   |      | -3.879                       | 4.946 | .012            | -9.3744750      | 2.4166664             | -15.6071579                               | -3.1417921 |

## Group Statistics

|                      | Perlakuan | N | Mean      | Std. Deviation | Std. Error Mean |
|----------------------|-----------|---|-----------|----------------|-----------------|
| Konsentras<br>iIL_10 | K+        | 4 | 20.174200 | 2.5077006      | 1.2538503       |
|                      | P2        | 4 | 26.731600 | 2.2221531      | 1.1110766       |

## Independent Samples Test

|                             | Levene's Test for Equality of Variances |      | t-test for Equality of Means |       |                 |                 |                       |   |            |
|-----------------------------|---|------|------------------------------|-------|-----------------|-----------------|-----------------------|---|------------|
|                             | F                                       | Sig. | t                            | df    | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference |            |
|                             |   |      |                              |       |                 |                 |                       | Lower                                     | Upper      |
| Konsentra<br>silL_10        | .062                                    | .811 | -3.914                       | 6     | .008            | -6.5574000      | 1.6753005             | -10.6567126                               | -2.4580874 |
| Equal variances assumed     |   |      |                              |       |                 |                 |                       |   |            |
| Equal variances not assumed |   |      | -3.914                       | 5.914 | .008            | -6.5574000      | 1.6753005             | -10.6711373                               | -2.4436627 |

## Group Statistics

|                  | Perlakuan | N | Mean      | Std. Deviation | Std. Error Mean |
|------------------|-----------|---|-----------|----------------|-----------------|
| KonsentrasilL_10 | K+        | 4 | 20.174200 | 2.5077006      | 1.2538503       |
|                  | P3        | 4 | 21.859665 | 2.1816199      | 1.0908100       |

## Independent Samples Test

|                      | Levene's Test for Equality of Variances |      | t-test for Equality of Means |       |                 |                 |                       |   |           |
|----------------------|---|------|------------------------------|-------|-----------------|-----------------|-----------------------|---|-----------|
|                      | F                                       | Sig. | t                            | df    | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference |           |
|                      |   |      |                              |       |                 |                 |                       | Lower                                     | Upper     |
| Konsentra<br>silL_10 | .003                                    | .961 | -1.014                       | 6     | .350            | -1.6854650      | 1.6619287             | -5.7520580                                | 2.3811280 |
|                      |   |      | -1.014                       | 5.887 | .350            | -1.6854650      | 1.6619287             | -5.7710157                                | 2.4000857 |

## Group Statistics

|                  | Perlakuan | N | Mean      | Std. Deviation | Std. Error Mean |
|------------------|-----------|---|-----------|----------------|-----------------|
| KonsentrasilL_10 | K-        | 4 | 35.625100 | 10.2109454     | 5.1054727       |
|                  | P1        | 4 | 29.548675 | 4.1318935      | 2.0659468       |

**Independent Samples Test**

|                                | Levene's Test for Equality of Variances |      | t-test for Equality of Means |       |                 |                 |                       |   |            |
|--------------------------------|---|------|------------------------------|-------|-----------------|-----------------|-----------------------|---|------------|
|                                | F                                       | Sig. | t                            | df    | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference |            |
|                                |   |      |                              |       |                 |                 |                       | Lower                                     | Upper      |
| Konsentra<br>silL_10           | 3.865                                   | .097 | 1.103                        | 6     | .312            | 6.0764250       | 5.5076299             | -7.4002600                                | 19.5531100 |
| Equal variances<br>assumed     |   |      | 1.103                        | 3.957 | .332            | 6.0764250       | 5.5076299             | -9.2812572                                | 21.4341072 |
| Equal variances<br>not assumed |   |      |                              |       |                 |                 |                       |   |            |

**Group Statistics**

|                  | Perlakuan | N | Mean      | Std. Deviation | Std. Error Mean |
|------------------|-----------|---|-----------|----------------|-----------------|
| KonsentrasilL_10 | K-        | 4 | 35.625100 | 10.2109454     | 5.1054727       |
|                  | P2        | 4 | 26.731600 | 2.2221531      | 1.1110766       |



## Independent Samples Test

|                      | Levene's Test for Equality of Variances |      | t-test for Equality of Means |       |                 |                 |                       |   |            |
|----------------------|---|------|------------------------------|-------|-----------------|-----------------|-----------------------|---|------------|
|                      | F                                       | Sig. | t                            | df    | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference |            |
|                      |   |      |                              |       |                 |                 |                       | Lower                                     | Upper      |
| Konsentras<br>iIL_10 | 7.406                                   | .035 | 1.702                        | 6     | .140            | 8.8935000       | 5.2249730             | -3.8915483                                | 21.6785483 |
|                      |   |      | 1.702                        | 3.284 | .179            | 8.8935000       | 5.2249730             | -6.9512109                                | 24.7382109 |

## Group Statistics

|                      | Perlakuan | N | Mean      | Std. Deviation | Std. Error Mean |
|----------------------|-----------|---|-----------|----------------|-----------------|
| Konsentras<br>iIL_10 | K-        | 4 | 35.625100 | 10.2109454     | 5.1054727       |
|                      | P3        | 4 | 21.859665 | 2.1816199      | 1.0908100       |

## Independent Samples Test

|                      | Levene's Test for Equality of Variances |      | t-test for Equality of Means |       |                 |                 |                       |   |            |
|----------------------|---|------|------------------------------|-------|-----------------|-----------------|-----------------------|---|------------|
|                      | F                                       | Sig. | t                            | df    | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference |            |
|                      |   |      |                              |       |                 |                 |                       | Lower                                     | Upper      |
| Konsentras<br>iIL_10 | 7.439                                   | .054 | 2.637                        | 6     | .028            | 13.7654350      | 5.1108008             | .9908401                                  | 26.5400299 |
|                      |   |      | 2.637                        | 3.273 | .075            | 13.7654350      | 5.1108008             | -2.0912509                                | 29.6221209 |

## Group Statistics

|                   | Perlakuan | N | Mean      | Std. Deviation | Std. Error Mean |
|-------------------|-----------|---|-----------|----------------|-----------------|
| Konsentras iIL_10 | P1        | 4 | 29.548675 | 4.1318935      | 2.0659468       |
|                   | P2        | 4 | 26.731600 | 2.2221531      | 1.1110766       |

## Independent Samples Test

|                  | Levene's Test for Equality of Variances |       | t-test for Equality of Means |       |                 |                 |                       |   |            |           |
|------------------|---|-------|------------------------------|-------|-----------------|-----------------|-----------------------|---|------------|-----------|
|                  | F                                       | Sig.  | t                            | df    | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference |            |           |
|                  |   |       |                              |       |                 |                 |                       | Lower                                     | Upper      |           |
| KonsentrasilL_10 | Equal variances assumed                 | 1.277 | .302                         | 1.201 | 6               | .275            | 2.8170750             | 2.3457679                                 | -2.9228123 | 8.5569623 |
|                  | Equal variances not assumed             |       |                              | 1.201 | 4.601           | .288            | 2.8170750             | 2.3457679                                 | -3.3734486 | 9.0075986 |

## Group Statistics

|                  | Perlakuan | N | Mean      | Std. Deviation | Std. Error Mean |
|------------------|-----------|---|-----------|----------------|-----------------|
| KonsentrasilL_10 | P1        | 4 | 29.548675 | 4.1318935      | 2.0659468       |
|                  | P3        | 4 | 21.859665 | 2.1816199      | 1.0908100       |

## Independent Samples Test

|                  | Levene's Test for Equality of Variances |       | t-test for Equality of Means |       |                 |                 |                       |   |           |            |
|------------------|---|-------|------------------------------|-------|-----------------|-----------------|-----------------------|---|-----------|------------|
|                  | F                                       | Sig.  | t                            | df    | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference |           |            |
|                  |   |       |                              |       |                 |                 |                       | Lower                                     | Upper     |            |
| KonsentrasilL_10 | Equal variances assumed                 | 1.154 | .324                         | 3.291 | 6               | .017            | 7.6890100             | 2.3362368                                 | 1.9724445 | 13.4055755 |
|                  | Equal variances not assumed             |       |                              | 3.291 | 4.552           | .025            | 7.6890100             | 2.3362368                                 | 1.5013411 | 13.8766789 |

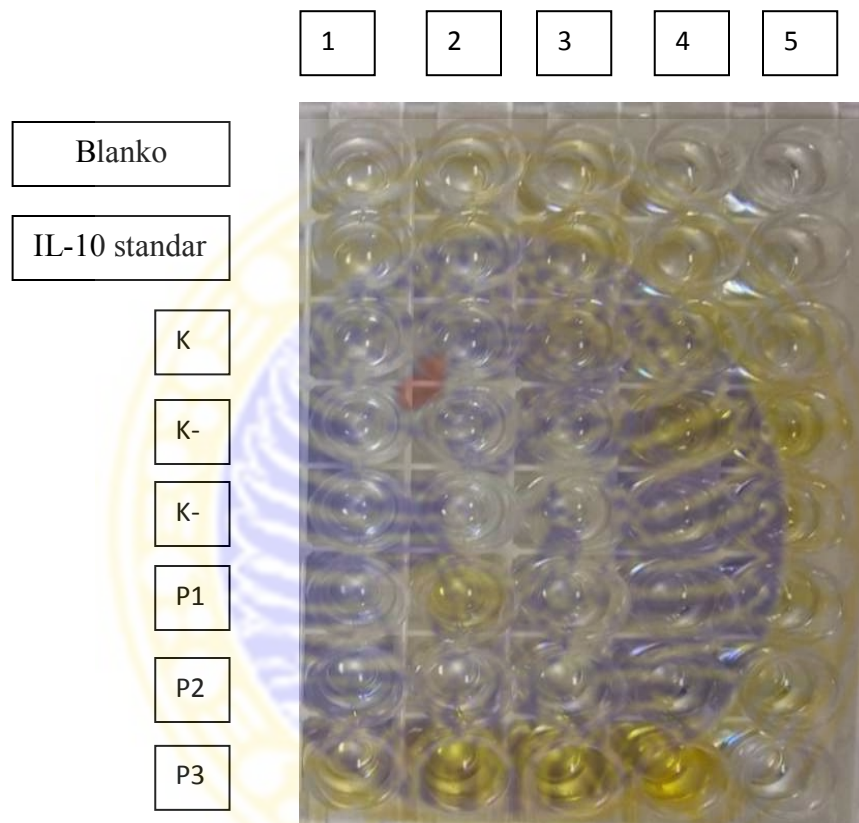
## Group Statistics

|                  | Perlakuan | N | Mean      | Std. Deviation | Std. Error Mean |
|------------------|-----------|---|-----------|----------------|-----------------|
| KonsentrasilL_10 | P2        | 4 | 26.731600 | 2.2221531      | 1.1110766       |
|                  | P3        | 4 | 21.859665 | 2.1816199      | 1.0908100       |

## Independent Samples Test

|                      | Levene's Test for Equality of Variances |      | t-test for Equality of Means |       |                 |                 |                       |   |           |
|----------------------|---|------|------------------------------|-------|-----------------|-----------------|-----------------------|---|-----------|
|                      | F                                       | Sig. | t                            | df    | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference |           |
|                      |   |      |                              |       |                 |                 |                       | Lower                                     | Upper     |
| Konsentras<br>iIL_10 | .075                                    | .793 | 3.129                        | 6     | .020            | 4.8719350       | 1.5570348             | 1.0620080                                 | 8.6818620 |
|                      |   |      | 3.129                        | 5.998 | .020            | 4.8719350       | 1.5570348             | 1.0616951                                 | 8.6821749 |

#### 4. Hasil ELISA pengukuran konsentrasi IL-10 dilihat melalui reaksi warna.

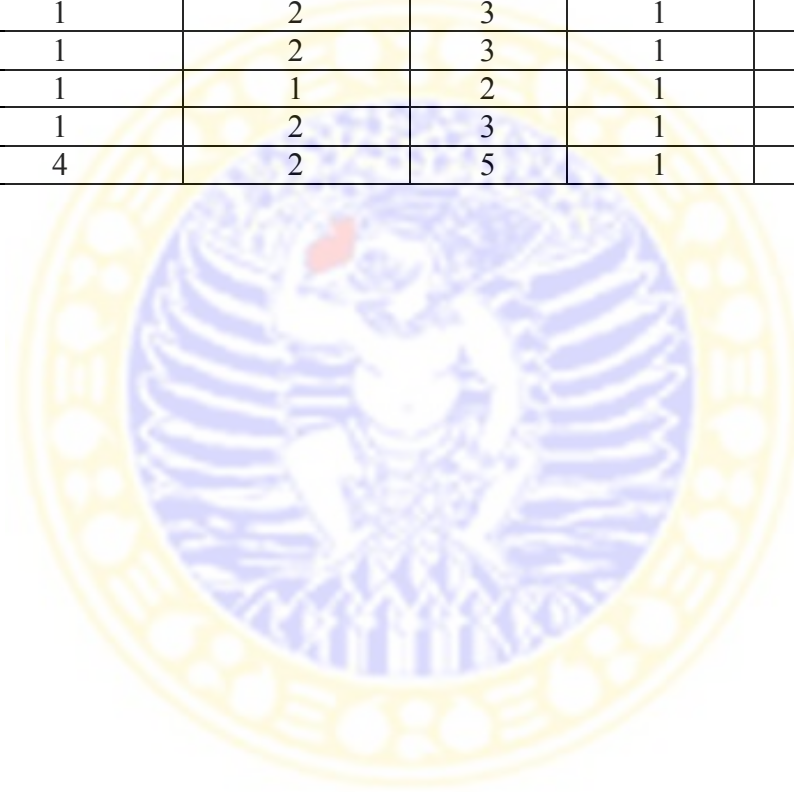


Keterrangan: K: Kontrol normal; K+: Kontrol positif hanya diberi PSK saja; K-: Kontrol negatif hanya dipapar *M. tuberculosis* saja; P1: Pemberian PSK sebelum terpapar *M. tuberculosis*; P2 : Pemberian PSK sesudah terpapar *M. tuberculosis*; P3 : Pemberian PSK sebelum dan sesudah paparan *Mycobacterium tuberculosis*

### 5. Hasil skor pemeriksaan histologis paru

| No. | Kode | Peribronkiolitis | Perivaskulitis | Alveolitis | Granuloma | Jumlah |
|-----|------|------------------|----------------|------------|-----------|--------|
| 1   | K.a  | 1                | 1              | 2          | 1         | 5      |
| 2   | K.b  | 1                | 1              | 3          | 1         | 6      |
| 3   | K.c  | 1                | 1              | 2          | 1         | 5      |
| 4   | K.d  | 1                | 1              | 2          | 1         | 5      |
| 5   | K.e  | 1                | 1              | 2          | 1         | 5      |
|     |      |                  |                |            |           |        |
| 1   | K+.a | 1                | 1              | 2          | 1         | 5      |
| 2   | K+.b | 1                | 2              | 3          | 1         | 7      |
| 3   | K+.c | 2                | 1              | 3          | 1         | 7      |
| 4   | K+.d | 1                | 1              | 2          | 1         | 5      |
| 5   | K+.e | 1                | 1              | 2          | 1         | 5      |
|     |      |                  |                |            |           |        |
| 1   | K-.a | 1                | 2              | 3          | 1         | 7      |
| 2   | K-.b | 4                | 2              | 3          | 1         | 10     |
| 3   | K-.c | 1                | 4              | 3          | 1         | 9      |
| 4   | K-.d | 2                | 1              | 3          | 1         | 7      |
| 5   | K-.e | 1                | 1              | 3          | 1         | 6      |
|     |      |                  |                |            |           |        |
| 1   | P1.a | 1                | 3              | 3          | 1         | 8      |
| 2   | P1.b | 1                | 1              | 3          | 1         | 6      |
| 3   | P1.c | 1                | 2              | 2          | 1         | 6      |
| 4   | P1.d | 1                | 1              | 2          | 1         | 5      |
| 5   | P1.e | 1                | 1              | 5          | 1         | 8      |
|     |      |                  |                |            |           |        |
| 1   | P2.a | 1                | 2              | 4          | 1         | 8      |

|   |      |   |   |   |   |    |
|---|------|---|---|---|---|----|
| 2 | P2.b | 1 | 1 | 2 | 1 | 5  |
| 3 | P2.c | 1 | 2 | 3 | 1 | 7  |
| 4 | P2.d | 1 | 2 | 3 | 1 | 7  |
| 5 | P2.e | 1 | 1 | 5 | 1 | 8  |
|   |      |   |   |   |   |    |
| 1 | P3.a | 1 | 2 | 3 | 1 | 7  |
| 2 | P3.b | 1 | 2 | 3 | 1 | 7  |
| 3 | P3.c | 1 | 1 | 2 | 1 | 5  |
| 4 | P3.d | 1 | 2 | 3 | 1 | 7  |
| 5 | P3.e | 4 | 2 | 5 | 1 | 12 |





**6. Skor Dormans *et al.* (2004) dalam Koendhori (2008)**

|                  | 1                                    | 2  | 3  | 4   | 5   |
|------------------|--------------------------------------|--|--|---|---|
| Peribronkiolitis | Tidak ada sel radang                 | Ada 1—2 lapis sel radang                             | Ada 3—5 lapis sel radang                               | Ada > 5 lapis sel radang                                | Sama dengan no 4 + dinding bronkiolus rusak           |
| Perivaskulitis   | Tidak ada sel radang                 | Ada 1—2 lapis sel radang                             | Ada 3—5 lapis sel radang                               | Ada > 5 lapis sel radang                                | Sama dengan no 4 + dinding pembuluh darah rusak       |
| Alveolitis       | Tidak ada sel radang di tepi alveoli | Ada selapis sel radang di tepi alveoli               | Ada 2—3 lapis sel radang di tepi alveoli               | Ada > 2—3 lapis sel radang di tepi alveoli              | Sama dengan no 4 + sel radang memenuhi alveoli        |
| Granuloma        | Tidak ada granuloma                  | Granuloma dengan diameter 1 cm pada perbesaran 1000x | Granuloma dengan diameter 1-2 cm pada perbesaran 1000x | Granuloma dengan diameter >2-4 cm pada perbesaran 1000x | Granuloma dengan diameter >4 cm pada perbesaran 1000x |

## 7. Uji statistik skor pemeriksaan kerusakan paru

### Kruskal-Wallis Test

|             | Perlakuan | N  | Mean Rank |
|-------------|-----------|----|-----------|
| Jumlah_skor | K         | 5  | 6.90      |
|             | K+        | 5  | 10.90     |
|             | K-        | 5  | 21.50     |
|             | P1        | 5  | 16.30     |
|             | P2        | 5  | 18.90     |
|             | P3        | 5  | 18.50     |
|             | Total     | 30 |           |

|             | Jumlah_skor |
|-------------|-------------|
| Chi-Square  | 10.542      |
| df          | 5           |
| Asymp. Sig. | .061        |

a. Kruskal Wallis Test

b. Grouping Variable: Perlakuan

## 8. Peralatan dan proses penelitian



Pemaparan *M. tuberculosis*



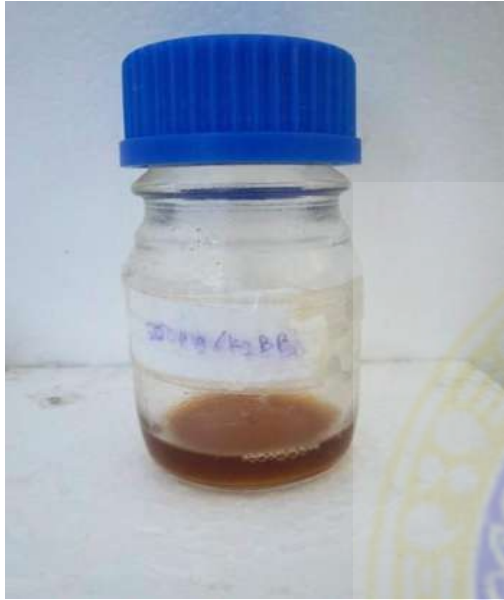
Perawatan hewan coba



*Mikroskop inverted*



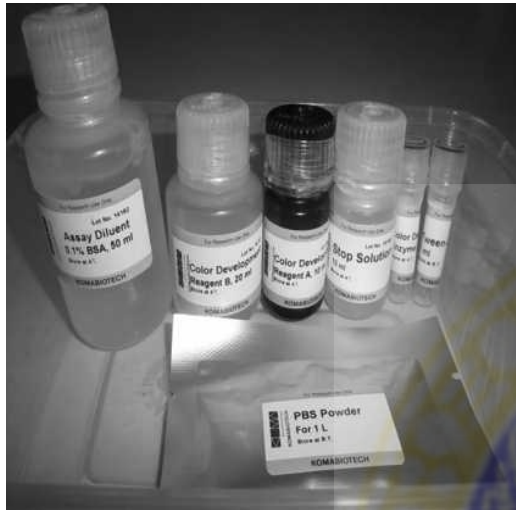
*ELISA reader*



Larutan polisakarida krestin



Pemberian PSK melalui *gavage*



Kit IL-10