

UJI MUTU SEMEN BEKU KAMBING PERANAKAN ETAWA (PE) DALAM TIGA
MACAM PENGECER SEMEN YANG BERBEDA DENGAN PEMERIKSAAN
WATER INCUBATOR

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ABSTRACT

This research was aimed to find the different quality test of the frozen semen etawa goat-breed's in three extender among egg yolk skim (P1), egg yolk tris (P2), and Andromed® (P3) with water incubator examination. This research used frozen semen samples, it was stored in liquid nitrogen (N2) at -196°C . Straw were thawed into water bath at 37°C for 30 seconds. Then it was examined to determine sperm quality including sperm motility percentage and sperm velocity movement individual after water incubator inspection at four hour. The data collected were analyzed by Anova (Analysis of variance), followed by tukey test. The result showed that there was significant difference between treatment ($P < 0,05$). The conclusion was that the highest sperm motility percentage was obtained Andromed® extender.

Key words : frozen semen, etawa goat-breed's, extender, water incubator.