MOTILLITY AND CAPACITY TO LIFE ALSO ABNORMALLITY OF SPERMATOZOA CELL FROM FRIESIAN HOLSTEIN BULL AFTER THE SEPARATION BY COLUMN ALBUMIN TECHNIC WITH ALBUMIN

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ABSTRACT

The study was done to evaluate the motility, capacity to life, and abnormality from spermatozoa cell from upper layer and lower layer after the separation by column albumin technic with albumin. The research used eight friesian Holstein bull with age environment two until four year old were devided four treatment and four repeat risk. The control (P0) wasn’t used albumin, treatment one (P1) used 20 % albumin, treatment two (P2) used 30 % albumin, and treatment three (P3) used 40 % albumin. To know the motility we used a few of each upper and lower treatments then we look at microscop, capacity to life, and abnormality from spermatozoa we used a few of each upper and lower treatments and mixed with cosin negrosin colours then we look at microscop. The data was analyzed by Anova test with SPSS 13.0 for windows and Tukey HSD test. The result showed there was not significantly difference between P0, P1, P2, and P3.

Key words: column albumin, motility, capacity to life, and abnormality