

THE INFLUENCE OF SEMINAL PLASMA CRUDE PROTEIN OF GOAT TO THE QUALITY OF CENTRIFUGATED SPERM

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ABSTRACT

The goal of this research to figure out the influence of seminal plasma crude protein to centrifugated goat semen. The fresh semen that has been centrifuged by *Brackett and Oliphant's* (BO) medium then being treated as follows : adding of 0,25 ml physiological NaCl and adding of 2,5 mg of seminal plasma crude protein. After that observation to motility, viability and membrane integrity at minute 30, 45 and 60. The result shows that there is increasing in motility, viability and membrane integrity of sperm compares to those with 0,25 ml physiological NaCl. The highest increase gained at minute 30 and it shows great different ($P < 0,05$) compares to minute 45 even 60.

Key word : crude protein, centrifugated, sperm