

# Pengaruh infusa daun keluwih artocarpus camansi blanco terhadap kualitas spermatozoa mencit mus musculus l jantan di epididimis = Effects of breadnut leaf s infusion artocarpus camansi blanco intake on quality of spermatozoa of male mice mus musculus l in epididymis

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## Abstrak

[<b> ABSTRAK</b><br> Telah dilakukan penelitian untuk mengetahui pengaruh infusa daun keluwih (Artocarpus camansi Blanco) terhadap pematangan spermatozoa mencit (Mus musculus L.) jantan di epididimis. Sebanyak 24 ekor mencit jantan dibagi menjadi 4 kelompok, yaitu kelompok kontrol (KK) yang diberikan perlakuan berupa akuades, kelompok perlakuan 1 (KP1), kelompok perlakuan 2 (KP2), dan kelompok perlakuan 3 (KP3) yang diberikan infusa daun keluwih dengan dosis berturut-turut yaitu 2,5; 5; dan 10 g/kg bb selama 8 hari. Hasil penelitian menunjukkan adanya penurunan persentase motilitas spermatozoa pada kelompok perlakuan dosis 2,5 g/kg bb dan peningkatan persentase motilitas serta abnormalitas pada dosis 5 g/kg bb dan 10 g/kg bb. Hasil penelitian menunjukkan adanya penurunan persentase viabilitas spermatozoa pada kelompok perlakuan dosis 2,5 g/kg bb; 5 g/kg bb; dan 10 g/kg bb. Hasil tersebut menunjukkan bahwa pemberian infusa daun keluwih (Artocarpus camansi Blanco) memiliki pengaruh terhadap kualitas dan kuantitas spermatozoa mencit jantan<hr>

<b>ABSTRACT</b><br> The research has been done to determine the effect of Keluwih Leaf?s infusion intake on maturation of spermatozoa of male mice in epididymis. Twenty-four male mice were divided into 4 groups; consisting of control group which were given akuades intake and treatment group which were given infusion with doses 2,5; 5; and 10 g/kg bw for 8 consecutive days. The results showed that an decrease in percentage of sperm motility at doses 2,5 g/kg bw and also an increase of motility and abnormality at doses 5 g/kg bw and 10 g/kg bw. The percentage of spermatozoa viability showed a decrease result at doses 2,5 g/kg bw; 5 g/kg bw; and 10 g/kg bw. The result indicated that keluwih leaf?s infusion intake gave an impact on quality and quantity of male mice spermatozoa.;The research has been done to determine the effect of Keluwih Leaf?s infusion intake on maturation of spermatozoa of male mice in epididymis. Twenty-four male mice were divided into 4 groups; consisting of control group which were given akuades intake and treatment group which were given infusion with doses 2,5; 5; and 10 g/kg bw for 8 consecutive days. The results showed that an decrease in percentage of sperm motility at doses 2,5 g/kg bw and also an increase of motility and abnormality at doses 5 g/kg bw and 10 g/kg bw. The percentage of spermatozoa viability showed a decrease result at doses 2,5 g/kg bw; 5 g/kg bw; and 10 g/kg bw. The result indicated that keluwih leaf?s infusion intake gave an

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