

ANDROGENIC EFFECT TEST OF “JAME” FORMULA AND “JALE” FORMULA TO MALE MARMOT PROSTATE

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ABSTRACT

This research is conducted to "Jame" formula and "Jale" formula to know its androgenic effect with parameter magnification of prostate. "Jame" formula is red ginger (*Zingiber officinale* Roxb. var. merah) rhizome 3 g/kgBW in 20% extract, while "Jale" formula is combination of red ginger (*Zingiber officinale* Roxb. var. merah) rhizome 1,5 g/kgBW in extract 20% with red galangal (*Alpinia galanga* (L.) Swartz var. merah) 0,75 g/kgBW in 20% extract. Test materials passed to the each male marmot during 14 days successively; then 24 hours after last treatment, marmot being surgery; then its prostate was cut until obtained its constant dry weight. From result of this research can be concluded that “Jame” formula and "Jale" formula unable to improve androgenic effect with parameter magnification of prostate.

Key Words: “Jame”Formula, “Jale” Formula, Red Ginger (*Zingiber officinale* Roxb. var. merah) Rhizome, Red Galanga (*Alpinia galanga* (L.) Swartz var. merah) Rhizome, Androgenic Effect, *prostate*.