

The Larvasidal Effect of Extract Ethanol a *Curcuma aeruginosa* Roxb. Rhizome in Musculus Tissue Mice that Infected Larvae 2 (L2) *Toxocara cati*

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ABSTRACT

The aim of this study was to prove an extract of ethanol a *Curcuma aeruginosa* Roxb. rhizome having larvasidal effect in mice's muscular tissue that infected by larvae 2 (L2) *Toxocara cati*. The eggs of worms *T. cati* obtained from the isolation of adult worms that have been incubated for 3 days. In this study there are five groups (P0-P4) which each has five times the remedy, P0 as negative control. P1 as positive control. P2 contains of mice were orally inoculated with 300 embryonated eggs of *T. cati* after 2 days post infection they were given therapy with an extract ethanol of *Curcuma aeruginosa* Roxb. rhizome with a dose of 300 mg per kg weight. P3 contains of mice were orally inoculated with 300 embryonated eggs of *T. cati* after 2 days post infection they were given therapy with an extract ethanol of *Curcuma aeruginosa* Roxb. rhizome with a dose of 600 mg per kg weight. P4 contains of mice were orally inoculated with 300 embryonated eggs of *T. cati* after 2 days post infection they were given therapy with an extract ethanol of *Curcuma aeruginosa* Roxb. rhizome with a dose of 1200 mg per kg weight. After days 7 all mice sacrificed and larval recovery was performed from carcass following digestion with 0.5% HCl method. Of the results obtained successive (P0-P4) is 0%; 78,67%; 58,67%; 30,13%; 17,73%.

Keywords : *Curcuma aeruginosa* Roxb., larvae 2, *Toxocara cati*, embryonated eggs