DETERMINATION OF PROTEIN FRACTIONS GASTROINTESTINAL *Tabanus megalops*

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ABSTRACT

This research has been conducted to determine *T.Megalops* gastrointestinal protein fraction using SDS PAGE method which is the standard test for protein molecular weight. Fifty five flies were collected by using insect nets and then the section of the gastrointestinal tract performed in pH7.0 buffer solution. The gastrointestinal tract *T. megalop*s put in the destruction tube and put in the refregerator until fractionation process. The sample was sonicated in 30 hertz. Centrifuged to separate the soluable protein in the supernatant part. The supernatant procceded by SDS PAGE. Marker protein used to determine protein of tract *T. megalops* by using quation based. The results of this study it can be concluded that there are two of protein fractions digestive tract *T. megalops*, can be identified suck as BM 52,94 kDa and BM 30 kDa.

Key word : Gastrointestinal *Tabanus megalops*, protein fractions.