

# 🖹 De La Salle University - Dasmariñas **BIOLOGY PROGRAM**

#### **DETECTION OF** Entamoeba histolytica USING ENZYME-LINKED

#### IMMUNOSORBENT ASSAY (ELISA) IN STOOL SAMPLES

#### OF THE RESIDENTS OF DBB-1 ANDDBB-C,

## DASMARIÑAS CITY

### An Undergraduate Research Presented to the

Faculty of the Biological Sciences Department

College of Science

De La Salle University - Dasmariñas

Dasmariñas, Cavite

In Partial Fulfilment of the Requirements

for the Degree of Bachelor of Science Major in Human Biology

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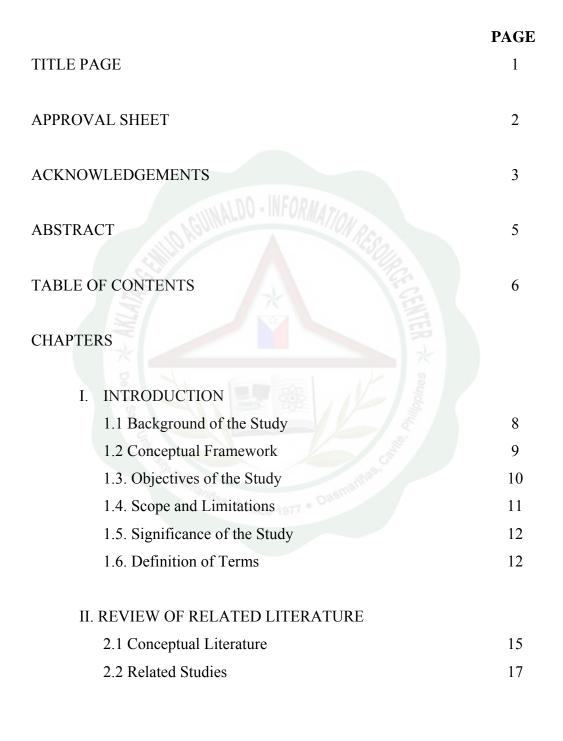
#### ABSTRACT

The study focused on the occurrence of *E.histolytica* infection among the residents of Dasmariñas, Cavite and the risk factors associated with it. The E.histolytica determined through presence of was Enzyme-Linked Immunosorbent Assay. Survey form associated with the risk factors such as personal hygiene, food source, water source and environmental conditions were also determined. Out of 85 respondents, 23(27.06%) showed positive results to E. histolytica. Infection to E.histolytica did not show any association with gender, location, age, food sources, hygiene practices, and water sources. However, it showed significant correlation (p<0.05) with the type of toilet used.



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