

**THE DIFFERENCE OF MODIFICATION OF FLOTATION METHOD USING
SOLUTIONS $ZnSO_4$ AND $NaCl$ SATURATED ON THE RESULTS
OF EXAMINATION OF THE NUMBER OF WORM EGGS**

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ABSTRACT

Wormeggs high disease is caused by parasites (in the form of worms) into the human body. to see a person's worm status can be done by stool examination using several methods, one of the method is the flotation method using $ZnSO_4$ and Saturated $NaCl$ solution. The purpose of the study was to see the difference in the number of worm eggs found using $ZnSO_4$ and saturated $NaCl$ solutions with the flotation method. The sample were positive feces. The results showed that the average number of worm eggs from $ZnSO_4$ solution was 1,31 with the highest yield of 2 and the lowest 1 egg and $NaCl$ solution was 2,12 with the highest yield 3 and the lowest 1 egg. *Mann-Whitney* statistical test showed the results of sig 0.003 ($p < 0.005$), so it can be concluded that there are differences in the number of worm eggs in each different solution.

Keywords: Wormeggs, Flotation Method, $ZnSO_4$, Saturated $NaCl$, Stool