Assessment of Sanitation and Food Bacterial Identification in the Governor Official Canteen of Makassar City

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Abstract

Food is one of the important parts to human health considering that diseases could be caused by food. Cases of foodborne illness (foodborne disease) can be affected by processing, storage, and food serving that are not meet sanitary requirements. This research aimed to obtain an overview of the quality of food is based on the presence of bacteria and sanitary conditions in Canteen Office of the Governor of South Sulawesi Province. This type of research is descriptive observational. The population in this research is all the food that is in Canteen Office of the Governor of South Sulawesi province and obtained ten samples by using purposive sampling method. Data obtained from direct observation using observation sheet and results of laboratory tests on food samples taken from the Canteen Office of the Governor of South Sulawesi province. The data analysis was using descriptive analysis. The results showed that from ten food samples in Governor's Office Canteen, two samples are containing Escherichia coli bacteria, three food samples are containing Klebsiella sp bacteria, two samples are containing Proteus mirabilis bacteria, one sample is containing Proteus vulgaris bacteria, one sample is containing Enterobacter agglomerans, and one sample is containing Alcaligenes faecalis bacteria. Based on observational assessment for the sanitary conditions in the canteen Office of the Governor of South Sulawesi province in ten canteen, there are no qualified canteen which reach 70% of the total assessment.

Keywords

Food; BacterialSanitation Facilities; Assessment.