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HUMAN RESISTANCE TO *SALMONELLA TYPHI*

ISOLATES COLLECTED FROM DOMESTIC

ANIMALS IN BUSIA

RESEARCH REPORT

Presented

By

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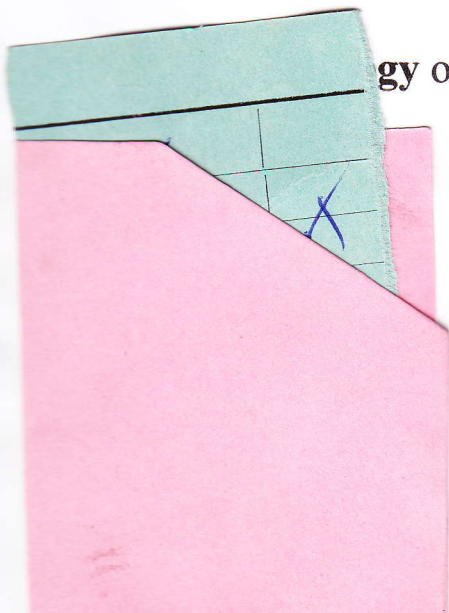
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ABSTRACT

Salmonella typhi is a single-celled organism from salmonella genus and causes typhoid to human. Its main host is human being. The infectivity status of salmonella typhi isolates collected from domestic animal was analyzed. The process involved growing of the isolate collected from domestic animal in Busia to culture media containing human serum.

Salmonella started appearing on the serum at the end of first week and rises sharply within second week. Based on these another test was developed for the same purpose which measure the growth of the bacteria in human serum invitro culture system.

There was different waves of bacteriaemia in chicks have been brought about by antigenic variation raises responds by producing antibodies of animals origin and human serum sensitive, can transform into serum resistant salmonella