Seroprevalence of FMD in cattle, sheep and goats in Somaliland

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Abstract:

This study was conducted in the period July 2011 to February 2012 in Berbera veterinary Quarantine in North West Somalia (Somaliland) to determine the seroprevalence of FMD in cattle, sheep and goats using PrioCHECK®-FMDV NS ELISA. A total of 1080, 840 and 2080 sera samples from cattle, sheep and goats, respectively, were examined by ELISA against 3ABC NSP of FMDV. The result revealed that, the seroprevalence of FMD in cattle was (200/1080) 18.52%. Higher (p<0.05) in age group > 4 year (147/530) 27.74% as compared with age group 2- 4 year (51/300) 17% and the age group 0.05) in Buroa district (160/900) 17.78% as compared with Borma (143/1080) 13.24% and Hargeisa 7%. Higher ((p

Keywords:

FMD, ELISA

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