

Survey for antibodies to pestivirus and herpesvirus in sheep, goats, alpacas (Lama pacos), llamas (Lama glama), guanacos (Lama guanicoe) and vicuña (Vicugna vicugna) from Chile

Pesquisa de anticuerpos seroneutralizantes para pestivirus y herpesvirus en ov

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Microtitration serum virus-neutralization tests were used to determine antibody titres for pestivirus: bovine viral diarrhoea virus (NADL strain) and herpesvirus: bovine herpes virus 1 (Los Angeles strain) in 321 sheep, 322 goats, 74 alpacas (Lama pacos), 43 llamas (Lama glama), 48 guanacos (Lama guanicoe) and 34 vicuñas (Vicugna vicugna), from several Regions of Chile. Antibodies to pestivirus were found in 60 (18,7%) sheep, in 21 (6,5%) goats, in 8 (10,8%) alpacas and in 6 (14%) llamas. The guanacos and vicuñas did not have antibodies to pestivirus. Antibodies to herpesvirus were found in 8 (2,5%) sheep and in 62 (19,3%) goats. The alpacas, llamas, guanacos and vicuñas did not have antibodies to herpesvirus. From the seropositive animals to pestivirus, the sheep flocks were located in the Metropolitan Region and XII Region of Chile with 7,1 % to 82,1% positive serum samples, with titres between 11 to 1024, and 5 (22,7%) positive flocks; The goat flocks were located in the IV Region and the