

Serum chemistry and antibody status to some avian pathogens of free-living and captive condors (*Vultur gryphus*) of central Chile

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This study provides information on serology and serum chemistry of the Andean condor (*Vultur gryphus*). Twenty condors living under natural conditions were captured, blood sampled, measured, and released. In addition, 12 captive condors maintained at the Metropolitan Zoo of Santiago, Chile, were included as a comparison with free-living birds. All sera were negative to antibodies against reference strains of avian paramyxoviruses of serotypes 1 to 9, avian influenza and avian pox virus. Free-living condors had total protein, albumin, globulin and Mg values significantly ($P < 0.05$) lower than those of captive birds. The haematological values obtained in free-living condors are of particular interest since they may correspond to the optimum values of the species.