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Seroprevalence of *Toxoplasma gondii* antibodies in captive elephants (*Elephas maximus maximus*) in Sri Lanka.

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Abstract

Serum samples collected during August 2003-June 2004 from 45 privately owned captive and 8 elephants from the Pinnawala Elephant Orphanage were tested for the presence of antibodies against *Toxoplasma gondii* using the direct modified agglutination test (MAT). Antibodies were found in sera of 14 of 45 (32%) privately owned elephants with titers of 1:25 in three, 1:50 in three, 1:100 in three, 1:200 in three, and 1:400 in three elephants. The elephants from Pinnawala Elephant Orphanage were seronegative. This is the first report of *T. gondii* seroprevalence in elephants in Sri Lanka.