Serodiagnosis of canine ehrlichiosis due to *Ehrlichia canis* using dot-ELISA

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Tropical canine pancytopenia (TCP) or canine ehrlichiosis due to *Ehrlichia canis* is worldwide in distribution and fairly common in Madras. Frequently it occurs as a subacute or chronic disease, when blood smear examination is highly unreliable for diagnosis.

Eighty one serum samples from adult dogs attending the clinics of Madras, with pyrexia were screened by Dot ELISA technique using antigen obtained from University of Illinois (U.S.A.), protein-A peroxidase as conjugate and 4-chloro-1-Napthal plus H$_2$O$_2$ as substrate. The details of the protocol have been discussed.

Sixty one sera (75.3 percent) out of 81 screened proved positive in the test. This included 12 cases where blood smears also showed evidence of *E. canis*. Further details will be discussed.