

Seroprevalence of *Toxoplasma gondii* in Cattle, Sheep and Goats in Iran

R. Hashemi-Fesharaki*

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Summary: Infection by the protozoan parasite, *Toxoplasma gondii*, occurs in warm-blooded animals including man. It is an important cause of abortion, stillbirth and neonatal mortality in sheep and goats. Although *T.gondii* antibodies were found in Iran there is no information on the economic importance of *T.gondii* infection.

Serum sample from 2000 cows, 3311 sheep and 638 goats from Iran were examined for antibodies to *T.gondii* by use of the latex agglutination and indirect hemagglutination tests. Antibodies to *T.gondii* were found in 24.50% sheep and 19.25% of goats. Antibodies to *T.gondii* were not detected in cow sera by latex agglutination and indirect hemagglutination tests in 1:8 and 1:64 dilutions of bovine sera, respectively. *T.gondii* was not found in tissues of 300 aborted fetuses from cows by direct microscopy and bioassay in mice.

*Author for correspondence. Razi Vaccine & Serum Research Institute, P.O.Box 11365-1558, Tehran, Iran