



Zoonotic Toxoplasmosis in Chicken . J.of Egyptian Society of Parasitology,vol.(35)No.(1) April 2005

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Abstract:

Modified agglutination test (MAT) was applied to 150 chicken sera (90 were farm-bred and 60 house-bred chickens). The prevalence of *Toxoplasma* antibodies was 18.7%. In house-bred chickens positive cases were 18 out of 60 (30.0%), while in farm-bred chickens positive cases were 10 out of 90 (11.1%). Histopathological sections of the seropositive chickens showed tissue lesions which were most likely to be induced by *T. gondii*. Tissue cysts of *T. gondii* were demonstrated in the liver, brain, heart and skeletal muscles of 22 (78.6%) out of 28 positive chickens. These tissue cysts were found mostly in the brain of seropositive chickens. Epidemiological implications of these data for public health significance were discussed.

Keywords:

Zoonotic, Toxoplasmosis , Chicken

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