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Prevalence of anti-Toxoplasma gondii antibody in hunter-killed wild boars, *Sus scrofa leucomystax*, on Amakusa Island, Kumamoto Prefecture, Japan.

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Abstract -

The prevalence of *Toxoplasma gondii* was surveyed in wild boars (*Sus scrofa leucomystax*) and domiciled cats obtained in various areas of Amakusa Island, Kumamoto Prefecture, Japan. The antibody titers against *T. gondii* were measured with a latex agglutination test. Among specimens taken from 90 wild boars, 1 (1.1%) was positive and 3 (3.3%) were doubtfully positive. Among the specimens from 50 cats, none were positive and 1 (3.3%) was doubtfully positive. These results suggest that the wild boars and cats on Amakusa Island have quite low prevalence of the *T. gondii* infection. Continuous surveys will be needed to monitor the prevalence of Toxoplasmosis and other zoonoses in game animals.

Yes