

Exported Abstract record(s)

Seroprevalence of paratuberculosis in selected population of ruminants in India.

Tripathi, B. N.; Sonawane, G. G.; Munjal, S. K.; Bind, R. B.; Gradinaru, D.; Dubey, S. C.; Tripathi, S.; Mondal, D.; Paliwal, O. P.; Singh, N. ; Nielsen, S. S. ; International Association for Paratuberculosis , Tsukuba , Japan , Proceedings of the 9th International Colloquium on Paratuberculosis, Tsukuba, Japan, 29 October - 2 November 2007 , 2008 , pp. 246-249

<https://www.cabdirect.org/cabdirect/abstract/20123141331>

The objective of this study was to estimate the sero-prevalence of paratuberculosis in selected population of ruminants from different parts of India using a highly specific commercial ELISA kit (Institut Pourquier, France). Out of 1822 sera screened, 22.5%, 20%, 11.6% and 4% of 414 indigenous cattle, 264 cross-bred cattle, 465 sheep and 359 goats, respectively, were found to be positive. A total of 320 buffalo sera from central west (n=80) and northern (n=240) parts of India did not show antibody prevalence. It was concluded that Pourquier ELISA was a sensitive and highly specific test and paratuberculosis was widely prevalent in ruminant population of several parts of India.

Editor(s): Nielsen, S. S.

Author Affiliation: Division of Pathology, Indian Veterinary Research Institute, Izatnagar, India.

Journal article: Proceedings of the 9th International Colloquium on Paratuberculosis, Tsukuba, Japan, 29 October - 2 November 2007 2008 246-249

Publisher information: International Association for Paratuberculosis Tsukuba Japan

Language of Text: English

URL: <https://www.cabdirect.org/cabdirect/abstract/20123141331>

Geographic Location: India

Organism descriptor(s): buffaloes, cattle, goats, Mycobacterium avium subsp. paratuberculosis, ruminants, sheep

Descriptor(s): antibodies, crossbreds, crosses, diagnosis, diagnostic techniques, disease distribution, disease prevalence, disease surveys, ELISA, epidemiology, immunodiagnosis, paratuberculosis, seroprevalence, serum

Identifier: bacterium, disease surveillance, enzyme linked immunosorbent assay, Johne's disease, serological diagnosis

Broad terms: Bubalus, Bovidae, ruminants, Artiodactyla, mammals, vertebrates, Chordata, animals, eukaryotes, Bos, Capra, Mycobacterium avium, Mycobacterium, Mycobacteriaceae, Corynebacterineae, Actinomycetales, Actinobacteridae, Actinobacteria, Bacteria, prokaryotes, Ovis, Commonwealth of Nations, Developing Countries, South Asia, Asia

Record Number: 20123141331

© Copyright 2021 CAB International. CABI is a registered EU trademark.