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## Sero-epidemiology of bovine brucellosis in Andhra Pradesh

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A total of 1856 bovine sera samples were screened with AB-ELISA of which 248 were found to be positive with an overall prevalence of 13.36 percent. The species wise prevalence indicated that 14.69% cattle and 11.29% buffaloes had *Brucella* antibodies in the sera. The gender wise prevalence showed that 13.92% and 7.14% females and males were positive for *Brucella* antibodies respectively, whereas 16.79% cross breeds and 11.91% indigenous cattle had *Brucella* antibodies in sera. The prevalence in organized cattle farms was 11.44% and in rural sector was 14.83%, the prevalence in artificially inseminated animals was 14.11%, in naturally serviced animals was 9.82% and in animals with reproductive disorders was 20.26%. Out of the 1856 sera samples screened by AB-ELISA, 13.36%, detected as positive.

### Biography

B Shobhamani is currently working as a Professor in the Department of Veterinary medicine at College of Veterinary Science, Tirupati, Sri Venkateswara Veterinary University, India

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