



2017-147: Mycoplasma bovis antimicrobial resistance determination by MALDI-TOF MS: feasibility and practical application pilot study.

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Veterinarians conduct tests to determine if the samples of bacteria will be affected by antibiotics. There are several tests already available, but faster tests to make this information more available will help provide answers more efficiently for beef producers, especially with M. Bovis bacteria which often mutate quickly. This study will determine the effectiveness of 3 different tests for antimicrobial resistance, one of which is the MALDI-TOF test. The researchers hope to provide a larger, more practical system available to more vets and their clients.