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NVSL Diagnostic Bacteriology and Pathology Laboratory

Last Modified:

The Diagnostic Bacteriology and Pathology Laboratory (DBPL) provides diagnostic assistance for bacterial and protozoal diseases.

We carry out this work by:

- conducting serologic testing for the presence of antibodies to pathogens;
- isolating, identifying, and genotyping bacteria;
- producing reagents needed for diagnostic testing;
- administering proficiency tests for selected diseases;
- performing microscopic examination for bovine tuberculosis;
- performing immunodiagnostics for prion diseases affecting livestock; and,
- providing diagnostic training.

The DBPL is a Reference Laboratory for the World Organisation for Animal Health (WOAH) and a Reference Centre for the Food and Agriculture Organization of the United Nations (FAO). Some of the numerous functions of the DBPL include isolation and identification for diagnosis of bacterial diseases including salmonellosis, leptospirosis, contagious equine metritis, bovine tuberculosis, brucellosis, *Salmonella* serotyping, *Leptospira* serology, and scrapie susceptibility genotyping. The DBPL also maintains brucellosis, tuberculosis, Johne's disease, *Leptospira*, and National Animal Health Monitoring System isolate banks.

Contact Information

NVSL-DBPL

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