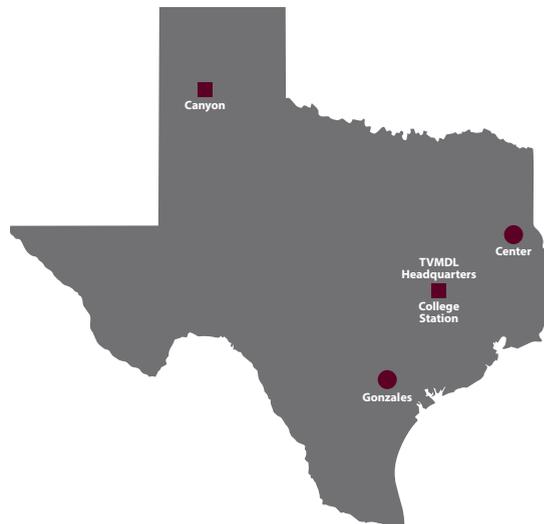# TVMDL at a Glance

By testing hundreds of specimens from around the world every day, TVMDL significantly contributes to protecting the health of livestock, poultry, companion animals, exotic animals, racing animals, and wildlife. As the only Texas state agency dedicated to providing veterinary diagnostic services to the citizens of Texas, TVMDL is relied upon to provide timely, pertinent, and accurate diagnostic test results that are essential for early detection and control of disease.

A member of The Texas A&M University System and an agency of Texas A&M AgriLife, TVMDL has four locations throughout Texas strategically located to best serve the state's livestock and poultry industries. As one of the busiest diagnostic labs in the United States, TVMDL receives 600+ submissions daily from areas throughout Texas, neighboring states, and around the world.

TVMDL offers a wide range of state-of-the-art diagnostic tests that deliver accurate results promptly and affordably. Veterinarians, animal owners, industries, and government agencies depend on our globally recognized expertise to help preserve animal and public health. TVMDL houses the only biosafety level 3 (BSL-3) laboratories in Texas dedicated to animal disease testing and response and maintains equipment and trained staff in all major diagnostic disciplines:

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| Bacteriology | Endocrinology | Molecular Diagnostics | Toxicology |
| Clinical Pathology | Histopathology | Parasitology | Virology |
| Drug Testing | Necropsy | Serology | |

TVMDL serves as the front line of both animal and human health, detecting zoonotic diseases such as Anthrax, high consequence diseases like Foot and Mouth Disease or Avian Influenza, and emerging infectious diseases like West Nile virus and Chagas.

TVMDL is a Level I Laboratory in the National Animal Health Laboratory Network (NAHLN), a United States Department of Agriculture (USDA) network of state and regional laboratories designed to provide a nationwide surge-testing, response, and recovery capacity in the event of an animal disease outbreak.

In addition to NAHLN, TVMDL is also a member of the Veterinary Laboratory Investigation and Response Network (Vet-LIRN), an an international network of veterinary diagnostic laboratories developed to assist the U.S. Food and Drug Administration's (FDA) Center for Veterinary Medicine (CVM) with large-scale investigations of CVM-regulated products, such as animal feed or drugs.

TVMDL is accredited by the American Association of Veterinary Laboratory Diagnosticians and has earned ISO 17025 accreditation from the American Association for Laboratory Accreditation (A2LA) Competition Animal Drug Testing Laboratory Accreditation Program and is accredited by the Racing Medication and Testing Consortium.

TVMDL's primary clients are animal owners, veterinarians, and state and federal agencies — including the Texas Racing Commission, the Texas Animal Health Commission, Texas Parks and Wildlife Department, Texas Department of Criminal Justice, and the U.S. Department of Agriculture.