Protecting animal and human health through diagnostics

The Texas A&M Veterinary Medical Diagnostic Laboratory (TVMDL) promotes animal health and protects agricultural, companion animal and public health in Texas, and beyond, through excellence in veterinary diagnostic services.

How does one laboratory do this?

• By testing hundreds of specimens from around the world every business day, TVMDL contributes significantly to protecting the health of livestock, poultry, companion animals, exotic animals, racing animals and wildlife.

• 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.

• A member of The Texas A&M University System and an agency of Texas A&M AgriLife, TVMDL comprises two full-service laboratories, in College Station and Amarillo, and two poultry laboratories, in Center and Gonzales. With these laboratories strategically located in the strongest livestock and poultry regions of the state, TVMDL is uniquely positioned to serve the animal industries of Texas.

• TVMDL, on average*, receives approximately 157,000 accessions and performs more than 762,000 tests per year for clients from across Texas, neighboring states and the world.

*From fiscal years 2011-13
Our primary customers 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.

Accredited by the American Association of Veterinary Laboratory Diagnosticians, TVMDL delivers timely, pertinent and accurate diagnostic test results that are essential for early detection and control of disease.

TVMDL employs a dedicated staff that includes more than 30 professionals who have a DVM, Ph.D. or both.

An essential component to animal disease surveillance for the State, nation and world

A member of the National Animal Health Laboratory Network (NAHLN), a group of state and regional laboratories that provide a nationwide surge capacity for testing, response and recover in the event of an animal disease outbreak.

One of 12 core laboratories across the country that receives infrastructure support as part of NAHLN.

Acts as the backbone of a statewide, regional and global animal and zoonotic disease surveillance system that protects the state’s $11.4 billion livestock industry as well as the companion animal and public health sectors.

Runs 16,000-plus tests annually for the early detection of high-consequence pathogens, a critical contribution to the One Health/One Medicine approach for protecting public health.

Houses biosafety level 3 veterinary diagnostic labs, equipped to respond to high-consequence animal and zoonotic disease at its College Station and Amarillo facilities.

Works to develop and implement state-of-the-art technologies and new diagnostic assays to meet industry needs.

Ranks among the busiest diagnostic labs in the U.S.

Receives 600-plus submissions daily from areas throughout Texas, neighboring states and around the world.

Offers veterinarians consultation and interpretive services for more accurate diagnoses.

Provides clients with affordable, rapid, accurate, state-of-the-art diagnostic testing.

Performs testing for international, intrastate and interstate movement of animals.

For more information on diagnostic services, visit TVMDL.tamu.edu.

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