

TVMDL has compiled syndrome-specific diagnostic plans to assist clients in efficient diagnostic testing strategies based on clinical signs or gross necropsy findings. The client still has the ability to select the tests within the diagnostic plans that fit with the diagnostic goals and pre-test clinical suspicion of each case.

Bovine Respiratory Disease (BRD) Diagnostic Plan

This plan was created to assist with the investigation of the pathophysiology and etiologic agents involved in the death of cattle with clinical signs or post mortem findings consistent with respiratory disease.

Bovine Abortion Diagnostic Plan

This plan was created to assist with the investigation of etiologic agents that may cause infectious bovine abortion as well as pathophysiology that may explain loss of pregnancy close to expected parturition. TVMDL also has a Bovine Comprehensive Abortion Serology Panel to investigate infectious bovine abortion utilizing serum from heifers or cows that suffered pregnancy loss.

Bovine Calf Diarrhea Diagnostic Plan

This plan was created to assist with the investigation of etiologic agents that may cause or contribute to neonatal calf diarrhea (NCD). The diagnostic approach will vary slightly for individual animal investigation compared to population investigation. Additional testing will be needed for calves older than 60 days old.

Bovine Adult Diarrhea/Weight Loss Diagnostic Plan

This plan was created to assist with the investigation of etiologic agents that may cause chronic diarrhea, weight loss, or poor production in adult cattle. The diagnostic plan will vary slightly for investigation of acute diarrhea with or without fever/hematochezia.

Bovine Sudden Death Diagnostic Plan

This plan was created to assist with the investigation of etiologic agents and toxic elements that may cause sudden death. The panel also includes histopathology that can be used to guide more specific secondary testing, depending on the quality of samples available.

Bovine Neurological (CNS) Disease Diagnostic Plan

This plan was created to assist with the investigation of etiologic agents and pathophysiology that may cause neurologic derangement in cattle. The approach to the diagnostic investigation will differ slightly depending on animal signalment, risk factors, neurologic signs/lesion localization, and other clinical findings.

Bovine Pinkeye (IBK) Diagnostic Plan

This plan was created to assist with the investigation of etiologic agents that can cause keratoconjunctivitis in cattle.

Bovine Serologic Biosecurity Diagnostic Plan

This plan was created to assist with the screening of animals for pre-purchase, herd biosecurity protocols, or quarantine establishment.

Visit tvmdl.tamu.edu to view a complete list of initial and secondary recommended tests for each plan.