

A highly accurate multi-species serology solution for **Foot and mouth disease**

Foot and mouth disease (FMD) is a highly contagious viral disease of cloven hoofed animals including cattle, pigs, sheep, goats, deer, and antelope. It is characterized by fever, lameness, and vesicular lesions on the tongue, lips, mouth, feet, snout, and teats. An FMD outbreak can lead to devastating global economic losses that affect all areas of trade, including export and import of animal products. The NSP antibody ELISA format is the only OIE recommended method for determining FMD-free status of an animal population, and is used in FMD surveillance and eradication programs to identify active infections as well as carrier animals. The VMRD FMD 3ABC assay is appropriate for use in vaccinated animal populations for FMD control programs.

Taking control of Foot and Mouth Disease with **cELISA testing**



- ✓ Detects serum antibodies to the 3ABC non-structural polyprotein
- ✓ cELISA format enhances specificity while offering multi-species flexibility
- ✓ Currently validated for bovine, porcine, and ovine samples
- ✓ Highly sensitive and specific for diagnosis of clinically affected animals

Bovine samples



Porcine samples



Ovine samples



User-friendly qualities **Speed and simplicity**

- ✓ Results in **140 min**
- ✓ Straightforward reagent preparation

