



## **Stranguard™ early access partner Information Sheet**

Southwest Veterinary Diagnostics, LLC is proud to introduce Stranguard™. Stranguard™ is a lateral flow immunoassay for the detection of a novel *Streptococcus equi* subsp. *equi* (SEE) specific protein discovered by the lab of Dr. Noah Cohen at Texas A&M.

The assay utilizes two recombinant monoclonal antibodies, specific for this novel protein in an easy-to-use lateral flow format that requires no specialized instrumentation. The assay is being released to selected early access partners in two formats. Stranguard-STAT™ and Stranguard-HS™.

Based on preliminary testing both formats appear to have excellent specificity for *Streptococcus equi* subsp. *equi* and do not react with *Streptococcus equi zooepidemicus* (SEZ).

Stranguard-STAT is a simple 3 step process- 1. Swab sample collection, 2. Sample extraction, 3. Sample application to cassette. Read at up to 30 minutes. For horses with heavy bacterial load this test appears to have good sensitivity.

Stranguard-HS (high sensitivity)- appears to have 10X sensitivity compared to Stranguard-STAT. This assay uses the same monoclonal antibodies but includes an enrichment process that includes an incubation step (20 min) and a concentration step (20 min) using magnetic nanoparticles. Assay process time is 45-60 minutes, with up to 30 minute read time.

As an early access partner, we are offering the opportunity to receive these tests, up to ten each, at no charge.

In exchange, we request that you supply feedback on your experience along with associated data. Data should include de-identified information about the animal tested. Age, Breed, Vaccination Status, Clinical Presentation, Relevant Laboratory Data and results of Reference lab testing. We also ask that additional samples of nasal or abscess swabs, along with a serum sample be obtained for archival purposes.

Your feedback is critical to validating and improving this assay. Please see the Stranguard™ Customer Acknowledgement and Limited Use Agreement.