

Monoclonal Antibodies to *Streptococcus equi*

Streptococcus equi is the bacterium that causes strangles, a highly contagious equine disease affecting the upper respiratory tract. Rapid identification of infected horses is critical for controlling the spread of the bacteria to uninfected horses. Maine Biotechnology Services has developed several antibodies specific to *Streptococcus equi* to aid in the development of rapid detection methods.

- Four monoclonal antibodies to *Streptococcus equi*, SeM Protein
- Three matched pairs that demonstrate minimum cross reactivity with *Streptococcus zoo*.
- Three matched pairs that recognize both *Streptococcus equi* and *Streptococcus zoo*.
- Demonstrated in direct antigen detection methods in clinical samples
- Validated in rapid assay format

