



Polyclonal Antibodies Against Equine Rhinitis A Virus 3AB, 3C and 3D Proteins

WARF: P07500US

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The Wisconsin Alumni Research Foundation (WARF) is seeking commercial partners interested in polyclonal antibodies against several equine rhinitis A virus proteins.

Overview

Equine rhinitis A virus, formerly known as equine rhinovirus 1, causes a respiratory disease in horses similar to the common cold in humans. No vaccines against this virus are available commercially and no specific antiviral treatment exists.

The Invention

UW-Madison researchers have developed polyclonal antibodies against recombinant proteins from equine rhinitis A virus. The antibodies can be used for specific molecular recognition of the equine rhinitis A virus proteins *in vitro* or *in vivo* using experimental techniques such as ELISA (enzyme linked immunosorbent assay), Western assays, protein immunoprecipitation (IP) and confocal fluorescence microscopy.

Applications

- Studying equine rhinitis A virus proteins
- May lead to new means of detecting, preventing and treating equine rhinitis A virus infection

Key Benefits

- All reagents have been tested for efficacy.
- Most of the antibodies react with viral precursor proteins, in addition to the mature proteins against which they were raised.

Additional Information

For More Information About the Inventors

- [Ann Palmenberg](#)

Related Technologies

- [For more antibodies identified by the inventors, see WARF reference numbers:](#)
- [P07448US](#)
- [P07499US](#)

Tech Fields

- [Research Tools : Antibodies](#)

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