



**VMRD, Inc.**

PO Box 502, Pullman, WA 99163 USA

Telephone: + 1 (509) 334-5815

Fax: + 1 (509) 332-5356

E-mail: [vmrd@vmrd.com](mailto:vmrd@vmrd.com)

Web site: <http://www.vmrd.com>

## Certificate of Analysis

### **Infectious Bovine Rhinotracheitis Virus/Bovine Herpesvirus Type 1 (IBR/BHV-1) Anti-Viral Antiserum**

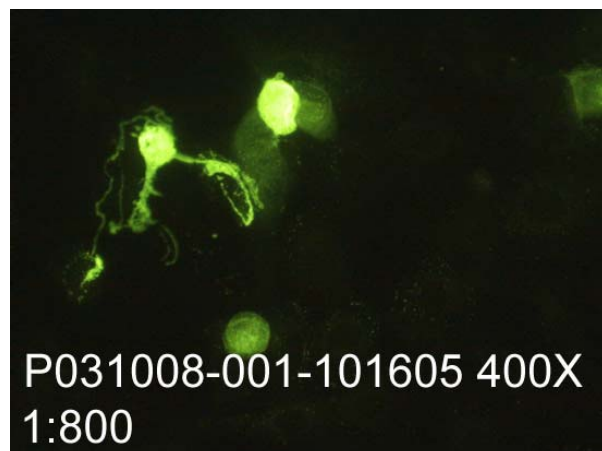
**CATALOG NO.:** 210-70-IBR

**VOLUME:** 2 ml

**LOT:** P031008-001-041807

**EXPIRATION DATE:** 18 April 2007

**VIRUS:** Infectious Bovine Rhinotracheitis Virus/  
Bovine Herpesvirus Type 1 (IBR/BHV-1)



**DESCRIPTION:** Anti-IBR polyclonal antiserum. Goat origin.

**INTENDED USE:** Useful for IFA. Not suitable for cell culture serum neutralization because it contains sodium azide. Does not react with other common bovine viruses.

**QUALITY CONTROL METHOD:** Indirect FA using VMRD, Inc. IBR FA 10-well Slides (catalog no. 210-88-10-IBR); Anti-Goat IgG FITC Conjugate (catalog no. 075-10).

**Specific Reaction:** 3-4+ positive fluorescence at 1:800.

**Other Reactions or Comments:** Endpoint titer at 1:12,800. No background.

**STORAGE:** This antiserum is provided in liquid form and should be stored at 4-8°C. **DO NOT FREEZE!** If antiserum becomes cloudy, it should be discarded. This antiserum contains 0.09% sodium azide as a preservative.

FOR IN VITRO LABORATORY USE ONLY.

**WARRANTY:** VMRD, Inc. warrants that this product is as described in the quantity and contents stated on the label at the time of delivery to the customer. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE MADE BEYOND THE LABEL DESCRIPTION, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Remedy is limited to replacement of the product or refund of the purchase price. VMRD, Inc. is not liable for property damage, personal injury, or economic loss caused by the product. The information listed in this information sheet is provided for reference only, and should not be substituted for the user's own incoming material quality control.