



VMRD, Inc.

PO Box 502, Pullman, WA 99163 USA

Telephone: + 1 (509) 334-5815

Fax: + 1 (509) 332-5356

E-mail: vtech@vmrd.com

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

Certificate of Analysis

Bovine Parainfluenza Virus Type 3 (PI-3) Anti-Viral Antiserum

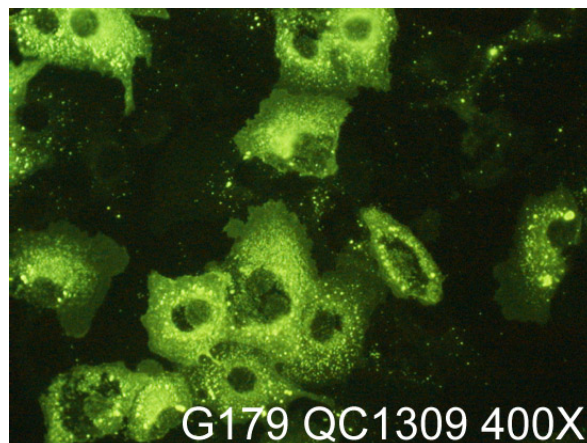
CATALOG NO.: 210-70-PI3

VOLUME: 2 ml

LOT: G179-022105

EXPIRATION: 21 February 2005

VIRUS: Bovine Parainfluenza Virus (PI-3)



DESCRIPTION: Anti-PI-3 polyclonal antiserum. Caprine origin.

INTENDED USE: Useful for IFA. Not suitable for cell culture serum neutralization because it contains sodium azide. Relative potency and method of determination supplied on product label.

QUALITY CONTROL METHOD: Indirect FA using VMRD PI-3 Substrate Slides (catalog no. 210-88-10-PI3); Anti-Goat IgG FITC Conjugate (catalog no. 075-10).

Specific Reaction: 4+ positive fluorescence at 1:1600; negative on negative cells.

Other Reactions or Comments: Much stronger than previous lot; IFA endpoint titer of 1:12,800.

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 RESEARCH AND INVESTIGATIONAL 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.