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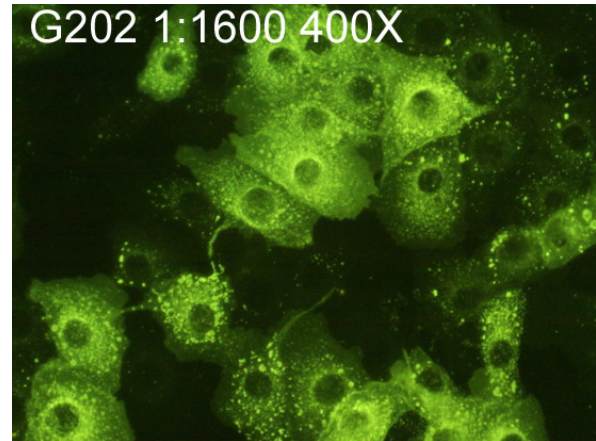
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Certificate of Analysis

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

CATALOG NO.: 210-70-PI3
VOLUME: 2 ml
LOT: G202-032105
EXPIRATION: 21 March 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 1:800; negative on negative cells.

Other Reactions or Comments: Strong antisera; endpoint more than 1:3200 dilution. Very low background (1+) at low dilutions.

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.