



VMRD, Inc.

PO Box 502, Pullman, WA 99163 USA

Telephone: + 1 (509) 334-5815

Fax: + 1 (509) 332-5356

E-mail: vmrd@vmrd.com

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

Certificate of Analysis

IFA SPECIAL SERUM DILUTING BUFFER

CATALOG NO.: 210-94-SB

VOLUME: 100 ml

LOT: P041012-001-102206

EXPIRATION: 22 October 2006

DESCRIPTION: Special Serum Diluting Buffer is PBS-0.09% azide with 10% adult bovine serum added. Adult bovine serum is used in this diluting buffer instead of BSA because some vaccines used in canine, feline and porcine species contain bovine serum components which cause antibodies to be made that may give a high background fluorescence on IFA. Adding bovine serum to the diluent increases the globulin fraction sufficiently to block any antibody that might react with residual bovine globulin on the cells on the substrate slide, and thus reduce the background fluorescence.

INTENDED USE: Special Serum Diluting Buffer should be used for diluting canine serum for IFA of Canine Coronavirus (CCV), Canine Distemper Virus (CDV), Canine Herpesvirus (CHV), Canine Parvovirus (CPV), and *Ehrlichia canis* (EC); for diluting feline serum for IFA of Feline Calicivirus (FCV), Feline Herpesvirus (FHV/FVR), and Feline Panleukopenia (FPL); and for diluting porcine serum for IFA of Porcine Respiratory Reproductive Syndrome (PRRS) and Transmissible Gastroenteritis (TGE). **Do not use for IFA of Canine Adenovirus (CAV), Canine Parainfluenza (CPI), Feline Infectious Peritonitis (FIP), or any bovine IFA testing.**

QUALITY CONTROL METHOD: Adult bovine serum used QC'd by indirect FA using *N. caninum*, *E. canis*, *Brucella canis*, Lyme Disease, CDV, CPV slides. This serial QC'd using *N. caninum*, *E. canis*, *Brucella canis*, Lyme Disease, CDV, and CPV 10-well substrate slides with corresponding positive sera and anti-immunoglobulin FITC conjugates.

Specific Reaction: Dilutions in this buffer lot give same signals as previous lot.

Comments: No background.

STORAGE: Store at 4°C.

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.