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## Certificate of Analysis

### **IFA SPECIAL SERUM DILUTING BUFFER**

**CATALOG NO.:** 210-94-SB

**VOLUME:** 100 ml

**LOT:** P070810-002

**EXPIRATION:** 14 August 2009

**DESCRIPTION:** Special Serum Diluting Buffer is PBS- 10 ppm ProClin 300 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), *Ehrlichia canis* and *Neospora caninum* (canine origin); for diluting feline serum for IFA of Feline Calicivirus (FCV), Feline Herpesvirus (FHV/FVR), and Feline Panleukopenia Virus (FPLV); and for diluting porcine serum for IFA of Porcine Respiratory Reproductive Syndrome Virus (PRRSV) and Transmissible Gastroenteritis Virus (TGEV). **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.

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