

## CERTIFICATE OF ANALYSIS

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** B65212G **Lot #:** 2K32322

**Description:** Goat anti Rotavirus NCDV  
Goat Antibody to Rotavirus NCDV  
Fluorescein Conjugated

**Specificity:** ICPs & late structural (virion) antigens. Cross reactivity is >90% with human rotaviruses (reported).  
Uninfected cell reactivity is negative against HEp-2 cells and WI-38 cells by indirect immunofluorescence.

**Host Animal:** Goat

**Immunogen:** Bovine (Nebraska Calf Diarrhea Virus)

**Format:** FITC, Liquid

**Purification:** IgG fraction covalently coupled with high purity Isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product.

**Concentration:** 4-5 mg/mL (OD280nm,  $E^{0.1\%} = 1.4$ )

**Buffer:** 0.01 M Phosphate Buffered Saline, pH 7.2 containing 10 mg/mL BSA.

**Preservative:** 0.1% Sodium Azide

**Applications:** Suitable for use in direct IFA. A starting range of 1:10–1:50 is suggested. Acetone fixation of the antigen source is recommended prior to staining. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

**Storage:** Short-term (up to 6 months) store at 2–8°C under subdued light. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

**Safety Note(s):** Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



21 Nov 2022

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**