



## RayBiotech, Inc.

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Norcross, GA 30092  
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### Certificate of Analysis and DataSheet Goat anti Rotavirus NCDV

**Catalog No.**  
MD-05-0383

**Species**  
Virus

**Isotype**  
Goat Ig G

#### **Preparation**

**Host Animal:** Goat  
**Immunogen:** Bovine (Nebraska Calf Diarrhea Virus)  
**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.

#### **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.

#### **Formulation**

**Format:** FITC, Liquid  
**Concentration:** 4-5mg/ml (OD280nm,  $E^{0.1\%} = 1.4$ )  
**Buffer:** 0.01M PBS, pH 7.2 containing 10mg/ml BSA  
**Preservative:** 0.1% Sodium azide

#### **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.**

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

**The products are furnished for LABORATORY RESEARCH USE ONLY.  
Not for diagnostic or therapeutic use.**



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### Applications

**Table Summary of antibody applications and working conditions**

<b>Options</b> <b>Functions</b>	<b>YES</b>	<b>NO</b>	<b>Not determined</b>	<b>Recommended Work dilution or concentration</b>
ELISA			.	
Western Blotting			.	
Immunohistochemistry			.	
EIA			.	
Flow Cytometry			.	
Immunofluorescence staining			.	
IFA	.			1:10-1:50

**Note:** Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

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