



## RayBiotech, Inc.

3607 Parkway Lane suite 200  
Norcross, GA 30092  
Tel: 770-729-2992, 1-888-494-8555  
Fax: 770-206-2393  
Website: [www.raybiotech.com](http://www.raybiotech.com)  
Email: [info@raybiotech.com](mailto:info@raybiotech.com)

### Certificate of Analysis and DataSheet

#### Goat anti Rotavirus NCDV

#### HRP-Conjugated

Catalog No.	Species	Isotype
MD-05-0385	Virus	Goat IgG

### Preparation

**Host Animal:** Goat  
**Immunogen:** Bovine (Nebraska Calf Diarrhea Virus)  
**Purification:** IgG fraction covalently coupled to a highly purified preparation of Horseradish Peroxidase (RZ>3). Care is taken to ensure adequate conjugation while preserving maximum enzyme activity. Free enzyme is not present. Estimated Molar HRP: IgG substitution is 2-3.

### Specificity

ICPs and 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:** HRP, Liquid  
**Concentration:** 1-2 mg/ml (OD280nm, E0.1% = 1.4)  
**Buffer:** PBS containing 10mg/ml BSA  
**Preservatives:** 0.002% Thimerosal

### 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 Functions</b>	<b>YES</b>	<b>NO</b>	<b>Not determined</b>	<b>Recommended Work dilution or concentration</b>
ELISA			.	
Western Blotting			.	
Immunocytochemistry.	.			
EIA			.	
Flow Cytometry			.	
Immunofluorescence staining			.	
IFA			.	

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

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