



## 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 Data Sheet Goat Anti-Rotavirus

**Catalog No.**  
MD-05-0382

**Host Animal:**  
Goat

### ***Description:***

Goat Antibody to Rotavirus NCDV (all antigens)

### ***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.

### ***Immunogen:***

Bovine (Nebraska Calf Diarrhea Virus)

### ***Format:***

Purified, Liquid

### ***Purification:***

>95% pure. Sodium sulfate precipitation and ion exchange chromatography

### ***Concentration:***

4–5mg/ml (OD280nm,  $E^{0.1\%} = 1.4$ )

### ***Buffer:***

0.01M PBS, pH 7.2, Product contains no stabilizing proteins.

### ***Preservative:***

0.1% Sodium azide

### ***Applications:***

Suitable for use in IFA. Also suitable for conjugation purposes.

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. Long term, aliquot and store -20°C.

**Avoid multiple freeze/thaw cycles.**

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