



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
Email: info@raybiotech.com

Certificate of Analysis and DataSheet

Goat anti Lipid A

Catalog No.
MD-05-0333

Species
N/A

Isotype:
N/A

Description:

Goat Antibody to Lipopolysaccharide (LPS gram negative bacteria)

Specificity:

LPS. Cross-reactive with numerous members of the Enterobacteriaceae: *Pseudomonas aeruginosa*, *Klebsiella pneumoniae*, *E. coli* O157, *Salmonella enteritidis*, *Enterobacter aerogenes*, *E. hermannii*, *Yersinia enterocolitica* and *Shigella sonnei*.

Host Animal:

Goat

Immunogen:

Whole cell prep of Lipid A from *E. coli* O157

Format:

Purified, Liquid

Purification:

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

Concentration:

4-5 mg/ml (OD_{280nm}, E^{0.1%} = 1.4)

Buffer:

0.01 M PBS, pH 7.2

No stabilizing proteins have been added.

Preservative:

0.1% Sodium azide

Applications:

Suitable for use in IFA. 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.

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



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Storage:

Short-term (up to 6 months) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

References:

The reference listed below is for research purposes only.

Gibson, D.L., et al., (2006), "Salmonella produces an O-Antigen Capsule Regulated by AgfD and Important for Environmental Persistence", Journal of Bacteriology, 188(2), 7722-7730

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