



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet Mouse Anti Salmonella Species

Catalog No.
MD-05-0417

Species
Bacteria

Isotype
IgG_{2b}

Preparation

Host Animal: Mouse. Hybridization of X63-Ag.653 myeloma cells with spleen cells from Balb/c mice.
Source: Tissue culture supernatant
Immunogen: Flagellar preparation from S. hadar
Purification: Not applicable

Specificity

Reactivity to the following salmonella species:

S. hadar	100%
S. typhimurium (phase 1)	48%
S. typhimurium (phase 2)	137%
S. enteritidis	47%
S. virchow	40%
S. bredeney	55%
S. weltevreden	80%
S. infantis	91%
S. agona	31%

Formulation

Format: Supernatant, Liquid
Concentration: Not determined
Affinity Constant: Not determined
Buffer: Not applicable
Preservative: 0.09% Sodium azide

**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

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	.			1:20
Western Blotting			.	
Immunohistology - frozen			.	
Immunohistology - paraffin			.	
Immunohistology - resin			.	
Conjugation			.	
Flow Cytometry			.	
Immunofluorescence staining			.	
IFA	.			

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

Storage

Upon receipt, aliquot and store at -20°C. Long term, aliquot and store at -20°C.

Avoid multiple freeze/thaw cycles.

References

- 1) Wyatt, G.M., et al., (1993), "Further studies on the feasibility of one-day. Salmonella detection by enzyme-linked immunosorbent assay", Applied and Environmental Microbiology, **58**: 183-1390.

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