

MONOTOPE™ product information for
Salmonella LPS core

I. Monoclonal Antibody (Mouse) Specificity

Product No.'s	Ig class	
6391	IgG2a	Specific for common LPS core of all Salmonellae tested*. Negative vs. related bacteria [^] . ELISA & IFA.
6392	IgG2a	Specific for common LPS core of all Salmonellae tested*. Negative vs. related bacteria [^] . ELISA & IFA.
6393	IgG3	Specific for common LPS core of all Salmonellae tested*. Negative vs. related bacteria [^] . ELISA & IFA.
6394	IgG2b	Specific for common LPS core of all Salmonellae tested*. Negative vs. related bacteria [^] . ELISA & IFA.
6371	IgG2b	Specific for common LPS core of all Salmonellae tested*. Negative vs. related bacteria [^] . ELISA, IHC & IFA.
6381	IgG2b	Specific for common LPS core of all Salmonellae tested*. Negative vs. related bacteria [^] . ELISA & IFA.

II. Purified Preparations

- Product No.'s
- 6391
 - 6392
 - 6393
 - 6394
 - 6371
 - 6381

MONOTOPE™ purified preparations consist of >90% pure mouse monoclonal antibody which has been purified from ascites fluid or culture medium by protein A chromatography or sequential differential precipitations. The final preparation is formulated to a protein concentration of 100 µg/ml in 0.01 M phosphate buffered saline, pH 7.2 and contains 0.1% sodium azide. Each vial contains 1.0 ml. This product contains no stabilizing proteins and should be stored at 2-8°C until ready for use.

Working dilution must be determined by the user. Suggested starting ranges are 1:10-1:50 for IFA and 1:20-1:200 for ELISA.

THESE PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

III. Fluorescein Conjugates

Product No.'s

These MONOTOPE™ products consist of purified monoclonal antibody conjugated with high purity isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product. The final preparation is formulated to an antibody concentration of 100 µg/ml in 0.01 M phosphate buffered saline, pH 7.2 containing 0.1% sodium azide plus bovine serum albumin at 10 mg/ml. Each vial contains 1.0 ml. This product should be stored at 2-8°C until ready for use. Avoid repeated freeze-thawing by storing multiple aliquots at -20°C. Applications for these products include direct FA staining of target antigen in a permissive tissue culture system. Working strength must be determined by the user for each specific application but a starting range of 1:5 - 1:20 is recommended. Acetone fixation of the antigen source is recommended prior to staining.

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Comments: * Positive for all Salmonella O-serogroups tested: A, B, C1, C2, D, E1, E3, E4, F, G1, G2
^ Negative for: E. coli (mix), Klebsiella, Citrobacter, Pseudomonas, Yersinia, Shigella, Proteus & Legionella

Best ELISA pairs with LPS extraction (capture-conjugate): 6391-6393, 6392-6393, 6391-6394, 6392-6394