

**MONOTOPE™** product information for

**Listeria monocytogenes**

**I. Monoclonal Antibody (Mouse) Specificity**

Product No.'s	Ig class	
4211 NA	IgG1	Reactive with a membrane antigen of L. monocytogenes. Pairs as a capture antibody with 4212 (ELISA).
4212 NA	IgG2a	Reactive with a membrane antigen of L. monocytogenes. Pairs as the conjugate with 4211 (ELISA).
4213 NA	IgG2b	Specific for the p60 secreted protein of L. monocytogenes. ELISA pairing given below.
4214 NA	IgG2b	Specific for the p60 secreted protein of L. monocytogenes. ELISA pairing given below.
4215 NA	IgG2b	Specific for the p60 secreted protein of L. monocytogenes. ELISA pairing given below.
4216 NA	IgG2b	Specific for the p60 secreted protein of L. monocytogenes. ELISA pairing given below.

**II. Purified Preparations**

Product No.'s
4211
4212
4213
4214
4215
4216

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
NA
NA
NA
NA
NA
NA

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:** Best ELISA pairs for p60 mabys (capture-conjugate): 4213-4214, 4214-4213, 4215-4213, 4213-4216