

Gram Negative Endotoxin Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.: 15301 thru 15309

Size: 1 ml ascites or 1 mg purified antibody in PBS pH 7.4.

SPECIFICATION SUMMARY

Antigen: *E. coli* O:111 B4 J5 cells.

Host Species: Mouse

Stabilizers: None.

Preservatives: None. Available on request.

DILUTION INSTRUCTIONS

Dilute in PBS or medium that is identical to that used in the assay system.

STORAGE AND STABILITY

These antibodies are stable for at least one (1) year at -20°C to -70°C.

Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

APPLICATIONS

These antibodies may be used in immunoassays to detect and quantitate gram negative endotoxin or cells that express endotoxin.

ACTIVITY AND SPECIFICITY

Catalog Number	Conc. (mg/ml*)	Class	Cross-Reactivity***	ELISA Titer**	***Key
15301	18.9	IgG2b	3, 4, 5	1: 25,600	2. <i>E. coli</i> J5 LPS
15302	19.2	IgG2a	4, 5	1: 1,600	3. <i>K. pneumoniae</i>
15303	17.2	IgG3	2	1: 204,800	4. <i>Sh. sonnei</i>
15304	29.5	IgG3	2, 4	1: 204,800	5. <i>S. typhimurium</i>
15305	27.2	IgG2a	3, 4, 5	1: 204,800	6. <i>E. aerogenes</i>
15306	2.5	IgG2a	4, 5, 7, 8, 9, 10	1: 1,600	7. <i>S. marcescens</i>
15307	3.9	IgM	3, 7, 8, 9, 11	1: 25,600	8. <i>P. mirabilis</i>
15308	4.5	IgG3	6, 7, 8, 10, 11	1: 16,000	9. <i>P. vulgaris</i>
15309	4.2	IgM	3, 6, 7, 8, 9, 10, 11	1: 6,400	10. <i>A. calcoaceticus</i>
					11. <i>Ps. aeruginosa</i>

* Determined by radial immunodiffusion for several lots of ascites.

** ELISA is an indirect assay against bacterial cells on the solid phase. Titers represent endpoint dilutions that achieve absorbance values ≥ 0.1 .

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.