

Imipramine Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.: 16051-16053.

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

SPECIFICATION SUMMARY

Antigen: Imipramine conjugated to KLH.

Host Species: Mouse

Antibody Class: 16051 = IgM; 16052 and 16053 = IgG2b.

Stabilizers: None

Preservatives: None. Available on request.

ACTIVITY

	Ig mg/ml*	ELISA Titer**
16051	15.3	1 : 25,600
16052	10.2	1: 25,600
16053	18.2	1: 104,200

* Determined by radial immunodiffusion for several lots of ascites.

**ELISA is an indirect assay against imipramine conjugated to BSA on the solid phase. Titers represent endpoint dilutions that achieve absorbance values > 0.1.

SPECIFICITY

These antibodies specifically recognize imipramine.

APPLICATIONS

These antibodies may be used in immunoassays to detect and quantitate imipramine. Not all applications have been investigated.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which 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.

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