

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Phenytoin Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.: 16301-16305.

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

SPECIFICATION SUMMARY

Antigen: Phenytoin conjugated to KLH.

Host Species: Mouse

Antibody Class: IgG1

Stabilizers: None.

Preservatives: None. Available on request.

APPLICATIONS

These antibodies may be used in immunoassays to detect and quantitate phenytoin. 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.

ACTIVITY AND SPECIFICITY

	Ig mg/ml*	ELISA Titer**	%Cross-Reactivity With 5-(hydroxyphenyl)-5-phenylhydantoin
16301	15.2	1: 12,800	160.0
16302	16.6	1: 51,200	1.6
16303	16.1	1: 25,600	55.7
16304	20.3	1: 51,200	128.0
16305	22.5	1: 51,200	28.9

* Determined by radial immunodiffusion for several lots of ascites.

** ELISA is an indirect assay against phenytoin conjugated to BSA 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.