

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Procainamide Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.: 16701-16709

Size: 1 ml ascites or 1 mg Protein G-purified antibody.

SPECIFICATION SUMMARY

Antigen: Procainamide conjugated to KLH.

Host Species: Mouse.

Antibody Class: 16701-16704 = IgG1;
16705 and 16706 = IgG2b; 16707-16709 = IgG2a.

Stabilizers: None.

Preservatives: None. Available on request.

APPLICATIONS

These antibodies may be used in immunoassays to identify and quantitate procainamide.

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 therapeutic or diagnostic procedures.

ACTIVITY

	Ig mg/ml*	ELISA Titer**	% Cross- Reactivity
16701	10.4	1: 25,600	8.4
16702	24.9	1: 51,200	13.2
16703	28.8	1: 1,600	0.0
16704	7.4	1:102,400	11.3
16705	11.9	1:102,400	10.6
16706	12.4	1: 16,000	3.2
16707	14.8	1: 64,000	0.4
16708	10.5	1: 32,000	11.1
16709	17.2	1: 64,000	2.2

*Determined by radial immunodiffusion for several lots of ascites.

ELISA is an indirect assay against procainamide conjugated to BSA. Average titer represents several different lots of ascites. **Cross-reactivity determined for N-acetylprocainamide (NAPA) and para-aminobenzoic acid (PABA).