

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Disopyramide Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.: 16001-16004

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

SPECIFICATION SUMMARY

Antigen: Disopyramide conjugated to KLH.

Host Species: Mouse

Antibody Class: 16001 and 16002 = IgG1; 16003 = IgG3; 16004 = IgG2b.

Stabilizers: None

Preservatives: None. Available on request.

ACTIVITY

| | Ig mg/ml* | ELISA Titer** |
|-------|-----------|---------------|
| 16001 | 8.4 | 1 : 51,200 |
| 16002 | 12.7 | 1: 102,400 |
| 16003 | 18.4 | 1: 51,200 |
| 16004 | 11.6 | 1: 25,600 |

* Determined by radial immunodiffusion for several lots of ascites.

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

SPECIFICITY

These antibodies specifically recognize disopyramide.

APPLICATIONS

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