

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Quinidine Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.: 16501-16505.

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

SPECIFICATION SUMMARY

Antigen: Quinidine conjugated to KLH.

Host Species: Mouse

Antibody Class: 16501 = IgG2b;
16502-16505 = IgG1.

Stabilizers: None

Preservatives: None. Available on request.

ACTIVITY

| | Ig mg/ml* | ELISA Titer** |
|-------|-----------|---------------|
| 16501 | 17.3 | 1 : 25,600 |
| 16502 | 14.7 | 1: 51,200 |
| 16503 | 14.8 | 1: 12,800 |
| 16504 | 15.4 | 1: 51,200 |
| 16505 | 23.9 | 1: 51,200 |

* Determined by radial immunodiffusion for several lots of ascites.

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

SPECIFICITY

These antibodies specifically recognize quinidine.

APPLICATIONS

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