

# QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

## Lidocaine Monoclonal Antibodies

### ORDERING INFORMATION

**Catalog No.:** 16601-16605.

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

### SPECIFICATION SUMMARY

**Antigen:** Lidocaine conjugated to KLH.

**Host Species:** Mouse

**Antibody Class:** IgG1

**Stabilizers:** None

**Preservatives:** None. Available on request.

### ACTIVITY

|       | <b>Ig mg/ml*</b> | <b>ELISA Titer**</b> |
|-------|------------------|----------------------|
| 16601 | 11.2             | 1 : 25,600           |
| 16602 | 18.7             | 1: 102,400           |
| 16603 | 17.7             | 1: 102,400           |
| 16604 | 12.2             | 1: 51,200            |
| 16605 | 8.3              | 1: 51,200            |

\* Determined by radial immunodiffusion for several lots of ascites.

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

### SPECIFICITY

These antibodies specifically recognize lidocaine.

### APPLICATIONS

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