

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

***Entamoeba histolytica* Monoclonal Antibodies**

ORDERING INFORMATION

Catalog No.: 15000, 15001, 15010,
15020, 15030

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

SPECIFICATION SUMMARY

Antigen: *Entamoeba histolytica* HK-9

Host Species: Mouse

Antibody Class: 15000, 15001 = IgG1
15010, 15030 = IgM
15020 = IgG3

Stabilizers: None

Preservatives: None. Available on
request.

ACTIVITY

	Ig mg/ml*	ELISA Titer**
15000	4.1	1: 51,200
15001	4.2	1: 16,000
15010	1.4	1: 4,000
15020	8.7	1: 32,000
15030	6.2	1: 8,000

* Determined by radial immunodiffusion
for several lots of ascites.

** ELISA is an indirect assay against *E.*
histolytica on the solid phase. Titers
represent endpoint dilutions that achieve
absorbance values ≥ 0.1 .

SPECIFICITY

These antibodies recognize *Entamoeba*
histolytica trophozoites and cysts.

APPLICATIONS

These antibodies may be used in
immunoassays to detect *E. histolytica*.
Other applications are under
investigation.

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.

REFERENCE

Ungar et al. (1985) Amer J Trop Med
Hyg **34**: 465 (Note - reference cites
antibody from Synbiotics, QED's former
parent company, QED catalog no.
15000).

*For in vitro investigational use only. Not for
use in therapeutic or diagnostic procedures.*