

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Human Rheumatoid Factor Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.: 12005

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

SPECIFICATION SUMMARY

Antigen: Purified proteins from patients with IgM cryoglobulins.

Host Species: Mouse

Antibody Class: IgM

Stabilizers: None

Preservatives: None. Available on request.

ACTIVITY

	Ig mg/ml*	ELISA Titer**
12005	7.4	1 : 1,600

* Determined by radial immunodiffusion for several lots of ascites.

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

SPECIFICITY

This antibody reacts with 30% of IgM-RF paraproteins from unrelated individuals. It does not recognize IgM, IgA, or IgG proteins lacking RF nor with pooled F(ab')₂ fragments.

APPLICATIONS

These antibodies may be used in immunoassays to detect and quantitate human rheumatoid factor. 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.

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