

Alpha-1-Antitrypsin Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.: 13701-13704

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

SPECIFICATION SUMMARY

Antigen: Purified human serum alpha-1-antitrypsin.

Host Species: Mouse

Antibody Class: 13701 = IgG2a;
13702 thru 13704 = IgG1.

Stabilizers: None

Preservatives: None. Available on request.

ACTIVITY

	Ig mg/ml*	ELISA Titer**
13701	22.0	1 : 204,800
13702	32.1	1: 102,400
13703	34.4	1: 102,400
13704	35.4	1: 102,400

* Determined by radial immunodiffusion for several lots of ascites.

**ELISA is an indirect assay against alpha-1-antitrypsin on the solid phase. Titers represent endpoint dilutions that achieve absorbance values ≥ 0.1 .

SPECIFICITY

These antibodies specifically recognize alpha-1-antitrypsin. They do not cross-react with alpha-1-antichymotrypsin.

APPLICATIONS

These antibodies may be used in immunoassays to detect and quantitate alpha-1-antitrypsin. 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.