

Amylase Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.	Clone No.	MAb Subtype	Size	Library Pack No.	100ug/clone
13501	AMY10-102.5	IgM	100ug, 500ug	135101	All 3 clones
13502	AMY10-105.8	IgM	100ug, 500ug		
13503	AMY10-108.5	IgM	100ug, 500ug		

Format: PEG-purified antibody in PBS, pH 7.4.

BACKGROUND

The digestive enzyme amylase functions extracellularly to cleave starch into smaller carbohydrate groups and, finally, into monosaccharides, by hydrolysis of internal alpha-1,4-glycoside bonds which results in the production of maltose and oligosaccharides. Among healthy individuals, the pancreas and the salivary glands account for almost all serum amylase, 40-45% from the pancreas and 55-60% from the salivary glands. Serum amylase is increased in at least 75% of pancreatitis cases.

SPECIFICATION SUMMARY

Antigen: Purified human pancreatic amylase.

Host Species: Mouse

Specificity: These antibodies specifically recognize human pancreatic amylase.

APPLICATIONS

These antibodies have been qualified for use in ELISA to detect human pancreatic amylase. Endusers should determine optimal concentrations for their applications.

DILUTION INSTRUCTIONS

Dilute in PBS or medium that 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 intended for use in therapeutic or diagnostic procedures.