

Mouse CMA1 (Chymase 1, Mast Cell) ELISA Kit | CMA1 elisa kit

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CATALOG #
AAA278565

REACTIVITY
Mouse

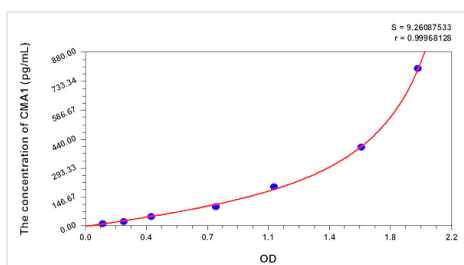
PRODUCT SYNONYMS

CMA1 (Chymase 1; Mast Cell); Mouse CMA1 (Chymase 1; Mast Cell) ELISA Kit; CYH; CYM; Alpha-chymase; Mast cell protease I; CMA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	serum, plasma and other biological fluids
Detection Range	0.16-10ng/mL
Sensitivity	0.062ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CMA1 elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse CMA1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse CMA1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Mouse CMA1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Mouse CMA1 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for CMA1 elisa kit

[Enzyme & Kinase](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6857812
NCBI GeneID	17228
NCBI Accession #	NP_034910.1

NCBI GenBank Nucleotide #	NM_010780.3
UniProt Accession #	P21844 ; Q9R1F0
Molecular Weight	27,586 Da
NCBI Official Full Name	chymase preproprotein
NCBI Official Synonym Full Names	chymase 1, mast cell
NCBI Official Symbol	Cma1
NCBI Official Synonym Symbols	Mcp5; Mcp-5; Mcpt5; MMCP-5
NCBI Protein Information	chymase
UniProt Protein Name	Chymase
UniProt Gene Name	Cma1
UniProt Synonym Gene Names	Mcpt5; mMCP-5

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/cma1-chymase-1-mast-cell/278565>