

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

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CATALOG #
AAA42616

REACTIVITY
Human

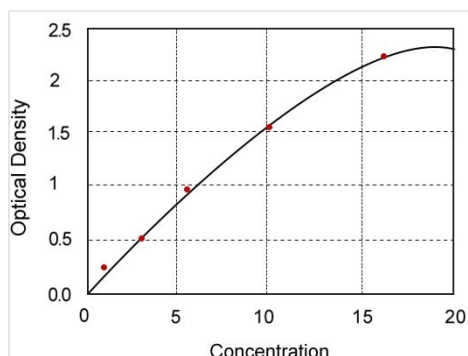
PRODUCT SYNONYMS

Chymase 1; Mast Cell (CMA1); Human Chymase 1; Mast Cell (CMA1) ELISA Kit; CMA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	247
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.13ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CMA1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Chymase 1, Mast Cell (also known as CMA1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human CMA1 antibody. CMA1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CMA1 Antibody is added and binds to CMA1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CMA1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human CMA1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502907
NCBI GeneID	1215
NCBI Accession #	NP_001827.1
NCBI GenBank Nucleotide #	NM_001836.4
UniProt Accession #	P23946; Q16018; Q3SY36; Q3SY37; Q9UDH5; B5BUM8
Molecular Weight	14,893 Da
NCBI Official Full Name	chymase isoform 1 preproprotein
NCBI Official Synonym Full Names	chymase 1
NCBI Official Symbol	CMA1
NCBI Official Synonym Symbols	CYH; MCT1; chymase
NCBI Protein Information	chymase
UniProt Protein Name	Chymase
UniProt Gene Name	CMA1
UniProt Synonym Gene Names	CYH; CYM

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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/chymase-1-mast-cell-cma1/42616>