

Rat Chymase 1, Mast Cell ELISA Kit | CMA1 elisa kit

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CATALOG #
AAA121280

REACTIVITY
Rat

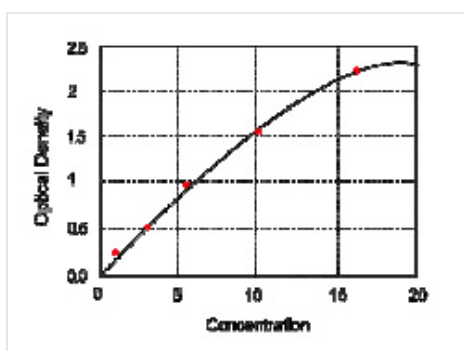
PRODUCT SYNONYMS

Chymase 1; Mast Cell; Rat Chymase 1; Mast Cell ELISA Kit; CMA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	247
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml-20ng/ml
Sensitivity	0.01ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 Rat Choline Acetyltransferase (also known as CHAT) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat CHAT antibody. CHAT present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat CHAT Antibody is added and binds to CHAT in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CHAT 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 Rat CHAT. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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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.