

Rat Mast cell protease 2 ELISA Kit | Mcpt2 elisa kit

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CATALOG #
AAA23358

REACTIVITY
Rat

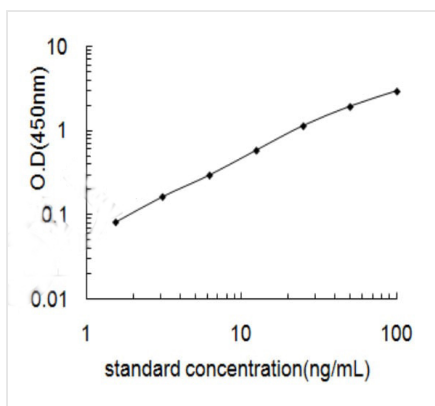
PRODUCT SYNONYMS

Mast cell protease 2; Rat Mast cell protease 2 ELISA Kit; rMCP-2; Group-specific protease; Mast cell protease II; rMCP-II; Mcpt2; 3.4.21.-; Mcpt2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat Mast cell protease 2,rMCP-2
Sequence Length	244
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	1.56-100 ng/mL
Sensitivity	< 0.16 ng/mL
Intra-assay Precision	<=7.1%
Inter-assay Precision	<=10.9%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Mcpt2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6678838
NCBI GeneID	17225
NCBI Accession #	NP_032597.1
NCBI GenBank Nucleotide #	NM_008571.1
Molecular Weight	26,732 Da
NCBI Official Full Name	mast cell protease 2
NCBI Official Synonym Full Names	mast cell protease 2
NCBI Official Symbol	Mcpt2
NCBI Official Synonym Symbols	Mcp-2; MMCP-2
NCBI Protein Information	mast cell protease 2
UniProt Protein Name	Mast cell protease 2
UniProt Gene Name	Mcpt2
UniProt Synonym Gene Names	mMCP-2
UniProt Entry Name	MCPT2_MOUSE

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.