

Rat Mast cell protease 8 ELISA Kit | Mcpt8 elisa kit

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CATALOG #
AAA57001

REACTIVITY
Rat

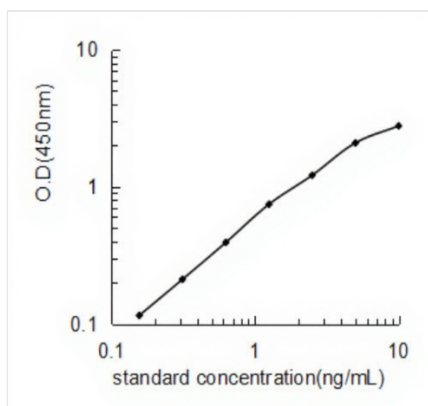
PRODUCT SYNONYMS

Mast cell protease 8; Rat Mast cell protease 8 ELISA Kit; rMCP-8; Mast cell protease VIII; rMCP-VIII; Mcpt8; Mcpt8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat Mast cell protease 8,rMCP-8
Sequence Length	248
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.058 ng/mL
Intra-assay Precision	<=7.2%
Inter-assay Precision	<=9.2%
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 Mcpt8 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 #	11068133
NCBI GeneID	29269
NCBI Accession #	NP_067609.1
NCBI GenBank Nucleotide #	NM_021598.2
UniProt Accession #	P97594
Molecular Weight	27,486 Da
NCBI Official Full Name	mast cell protease 8
NCBI Official Synonym Full Names	mast cell protease 8
NCBI Official Symbol	Mcpt8
NCBI Official Synonym Symbols	RMCP8
NCBI Protein Information	mast cell protease 8
UniProt Protein Name	Mast cell protease 8
UniProt Gene Name	Mcpt8
UniProt Synonym Gene Names	rMCP-8; rMCP-VIII
UniProt Entry Name	MCPT8_RAT

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/mcpt8-rat-elisa-kits/mast-cell-protease-8/57001>