

Human mast cell tryptase, MCT ELISA Kit | MCT elisa kit

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CATALOG #
AAA42683

REACTIVITY
Human

PRODUCT SYNONYMS

mast cell tryptase; MCT; Human mast cell tryptase; MCT ELISA Kit; MCT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	270
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 40ng/ml
Sensitivity	0.04ng/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 MCT elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Mast Cell Tryptase (also known as MCT) 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 MCT antibody. MCT present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human MCT Antibody is added and binds to MCT in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MCT 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 MCT. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1717790
UniProt Accession #	P50342
Molecular Weight	30,167 Da
NCBI Official Full Name	Mast cell tryptase
UniProt Protein Name	Mast cell tryptase

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/mast-cell-tryptase-mct/42683>