

Human Mast Cell Tryptase (MCT) ELISA Kit | MCT elisa kit

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CATALOG #
AAA331837

REACTIVITY
Human

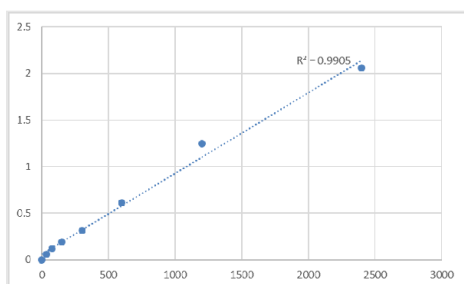
PRODUCT SYNONYMS

Mast Cell Tryptase (MCT); Human Mast Cell Tryptase (MCT) ELISA Kit; MCT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Mast cell tryptase (MCT) ELISA Kit has high sensitivity and excellent specificity for detection of Human MCT. No significant cross-reactivity or interference between Human MCT and analogues was observed.
Sequence Length	274
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Mast cell tryptase (MCT) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MCT elisa kit	Description: This Human Mast cell tryptase (MCT) ELISA Kit employs a two-site sandwich ELISA to quantitate MCT in samples. An antibody specific for MCT has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MCT present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MCT is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MCT bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Mast cells, which are granulocytes found in peripheral tissue, play a central role in inflammatory and immediate allergic reactions. beta-Tryptase is a neutral serine protease and is the most abundant mediator stored in mast cell granules.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	556556
NCBI GeneID	29268
NCBI Official Full Name	mast cell tryptase
NCBI Official Synonym Full Names	tryptase beta 2
NCBI Official Symbol	Tpsb2
NCBI Official Synonym Symbols	Mcpt6
NCBI Protein Information	tryptase beta-2

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://www.aaabiotech.com/human-elisa-kits/mast-cell-tryptase-mct/331837>