

Goat Mast cell tryptase ELISA Kit | MCT elisa kit

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CATALOG #
AAA93529

REACTIVITY
Goat

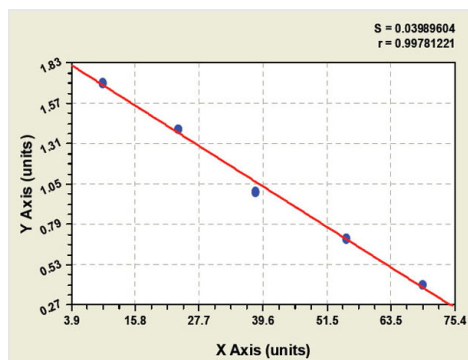
PRODUCT SYNONYMS

Mast cell tryptase; Goat Mast cell tryptase ELISA Kit; MCT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MCT elisa kit

Intended Uses: This MCT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat MCT. This ELISA kit for research use only!

Principle of the Assay: MCT ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-MCT antibody and an MCT-HRP conjugate. The assay sample and buffer are incubated together with MCT-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the MCT concentration since MCT from samples and MCT-HRP conjugate compete for the anti-MCT antibody binding site. Since the number of sites is limited, as more sites are occupied by MCT from the sample, fewer sites are left to bind MCT-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MCT concentration in each sample is interpolated from this standard curve.

Product Categories/Family for MCT elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	2463630
NCBI Official Full Name	MCT

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/mct-goat-elisa-kits/mast-cell-tryptase/93529>