

Human Multiple C2 And Transmembrane Domain-Containing Protein 2 (MCTP2) ELISA Kit | MCTP2 elisa kit

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CATALOG #
AAA331835

REACTIVITY
Human

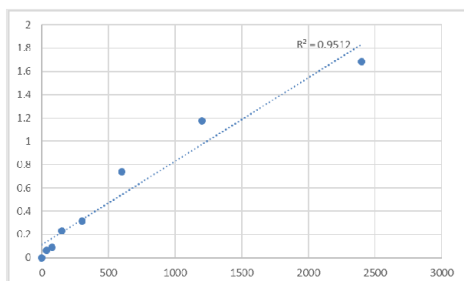
PRODUCT SYNONYMS

Multiple C2 And Transmembrane Domain-Containing Protein 2 (MCTP2); Human Multiple C2 And Transmembrane Domain-Containing Protein 2 (MCTP2) ELISA Kit; MCTP2; FLJ111175; FLJ33303; MGC111402; multiple C2-domains with two transmembrane regions 2; MCTP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Multiple C2 and transmembrane domain-containing protein 2 (MCTP2) ELISA Kit has high sensitivity and excellent specificity for detection of Human MCTP2. No significant cross-reactivity or interference between Human MCTP2 and analogues was observed.
Sequence Length	823
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 Multiple C2 and transmembrane domain-containing protein 2 (MCTP2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MCTP2 elisa kit	Description: This Human Multiple C2 and transmembrane domain-containing protein 2 (MCTP2) ELISA Kit employs a two-site sandwich ELISA to quantitate MCTP2 in samples. An antibody specific for MCTP2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MCTP2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MCTP2 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 MCTP2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MCTP2 (Multiple C2 And Transmembrane Domain Containing 2) is a Protein Coding gene. Diseases associated with MCTP2 include Mitral Atresia and Chromosome 15Q26-Qter Deletion Syndrome. GO annotations related to this gene include calcium ion binding and calcium-dependent phospholipid binding. An important paralog of this gene is MCTP1. Might play a role in the development of cardiac outflow tract.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	227496489
NCBI GeneID	55784
NCBI Accession #	NP_001153115
NCBI GenBank Nucleotide #	NP_001153115.1
UniProt Accession #	Q6DN12
NCBI Official Full Name	multiple C2 and transmembrane domain-containing protein 2 isoform 2
NCBI Official Synonym Full Names	multiple C2 and transmembrane domain containing 2
NCBI Official Symbol	MCTP2
NCBI Protein Information	multiple C2 and transmembrane domain-containing protein 2
UniProt Protein Name	Multiple C2 and transmembrane domain-containing protein 2
UniProt Gene Name	MCTP2
UniProt Entry Name	MCTP2_HUMAN

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/multiple-c2-and-transmembrane-domain-containing-protein-2-mctp2/331835>