

Human Melanotransferrin (MFI2) ELISA Kit | MFI2 elisa kit

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CATALOG #
AAA331788

REACTIVITY
Human

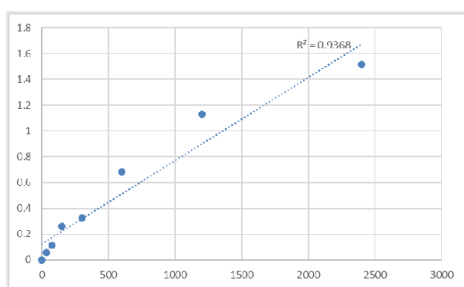
PRODUCT SYNONYMS

Melanotransferrin (MFI2); Human Melanotransferrin (MFI2) ELISA Kit; MFI2; CD228; FLJ38863; MAP97; MGC4856; MTF1; melanoma-associated antigen p97; isoform 2; melanotransferrin; membrane-bound transferrin-like protein; MFI2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Melanotransferrin (MFI2) ELISA Kit has high sensitivity and excellent specificity for detection of Human MFI2. No significant cross-reactivity or interference between Human MFI2 and analogues was observed.
Sequence Length	738
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 Melanotransferrin (MFI2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MFI2 elisa kit	Description: This Human Melanotransferrin (MFI2) ELISA Kit employs a two-site sandwich ELISA to quantitate MFI2 in samples. An antibody specific for MFI2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MFI2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MFI2 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 MFI2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Melanotransferrin encoded by MFI2 is a cell-surface glycoprotein found on melanoma cells. Melanotransferrin shares sequence similarity and iron-binding properties with members of the transferrin superfamily. The importance of the iron binding function has not yet been identified. MFI2 resides in the same region of chromosome 3 as members of the transferrin superfamily. Alternative splicing results in two transcript variants.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	134244281
NCBI GeneID	4241
NCBI Accession #	NP_005920.2
NCBI GenBank Nucleotide #	NP_005920.2
UniProt Accession #	P08582
NCBI Official Full Name	melanotransferrin isoform 1 preproprotein
NCBI Official Synonym Full Names	melanotransferrin
NCBI Official Symbol	MELTF
NCBI Official Synonym Symbols	MTf; MFI2; MTF1; CD228; MAP97
NCBI Protein Information	melanotransferrin
UniProt Protein Name	Melanotransferrin
UniProt Gene Name	MFI2
UniProt Synonym Gene Names	MAP97
UniProt Entry Name	TRFM_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.