

Human LDLR Chaperone MESD (MESDC2) ELISA Kit | MESDC2 elisa kit

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CATALOG #
AAA331798

REACTIVITY
Human

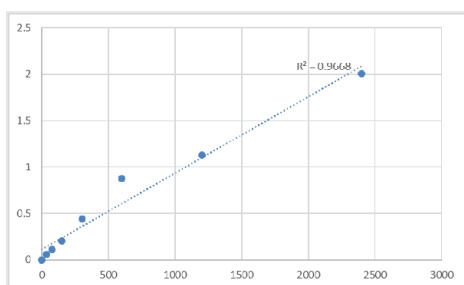
PRODUCT SYNONYMS

LDLR Chaperone MESD (MESDC2); Human LDLR Chaperone MESD (MESDC2) ELISA Kit; MESDC2; BOCA; KIAA0081; MESD; MESDC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human LDLR chaperone MESD (MESDC2) ELISA Kit has high sensitivity and excellent specificity for detection of Human MESDC2. No significant cross-reactivity or interference between Human MESDC2 and analogues was observed.
Sequence Length	234
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 LDLR chaperone MESD (MESDC2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MESDC2 elisa kit	Description: This Human LDLR chaperone MESD (MESDC2) ELISA Kit employs a two-site sandwich ELISA to quantitate MESDC2 in samples. An antibody specific for MESDC2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MESDC2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MESDC2 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 MESDC2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MESDC2 (Mesoderm Development Candidate 2) is a Protein Coding gene. Among its related pathways are Wnt/ Hedgehog/ Notch. GO annotations related to this gene include low-density lipoprotein particle receptor binding. Chaperone specifically assisting the folding of beta-propeller/EGF modules within the family of low-density lipoprotein receptors (LDLRs). Acts as a modulator of the Wnt pathway through chaperoning the coreceptors of the canonical Wnt pathway, LRP5 and LRP6, to the plasma membrane. Essential for specification of embryonic polarity and mesoderm induction.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74136552
NCBI GeneID	23184
NCBI Accession #	NP_055969.1
NCBI GenBank Nucleotide #	NP_055969.1
UniProt Accession #	Q14696
NCBI Official Full Name	LRP chaperone MESD
NCBI Official Synonym Full Names	mesoderm development LRP chaperone
NCBI Official Symbol	MESD
NCBI Official Synonym Symbols	BOCA; MESDC2
NCBI Protein Information	LRP chaperone MESD
UniProt Protein Name	LDLR chaperone MESD
UniProt Gene Name	MESDC2
UniProt Synonym Gene Names	KIAA0081; MESD
UniProt Entry Name	MESD_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.