

Human MANSC Domain Containing Protein 1 (MANSC1) ELISA Kit | MANSC1 elisa kit

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CATALOG #
AAA65595

REACTIVITY
Human

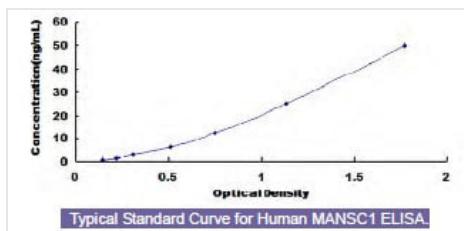
PRODUCT SYNONYMS

MANSC Domain Containing Protein 1 (MANSC1); Human MANSC Domain Containing Protein 1 (MANSC1) ELISA Kit; LOH12CR3 Loss of heterozygosity 12 chromosomal region 3 protein; MANSC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MANSC1. No significant cross-reactivity or interference between MANSC1 and analogues was observed.
Sequence Length	397
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	0.27ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MANSC1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MANSC1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MANSC1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MANSC1 in human serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MANSC1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MANSC1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MANSC1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of MANSC1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31542650
NCBI GeneID	54682
NCBI Accession #	NP_060520.2
NCBI GenBank Nucleotide #	NM_018050.2
UniProt Accession #	Q9H8J5; Q8NEC1; Q9NW60
Molecular Weight	43,063 Da
NCBI Official Full Name	MANSC domain-containing protein 1
NCBI Official Synonym Full Names	MANSC domain containing 1
NCBI Official Symbol	MANSC1
NCBI Official Synonym Symbols	LOH12CR3; 9130403P13Rik
NCBI Protein Information	MANSC domain-containing protein 1
UniProt Protein Name	MANSC domain-containing protein 1
UniProt Gene Name	MANSC1
UniProt Synonym Gene Names	LOH12CR3

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/mansc-domain-containing-protein-1-mansc1/65595>