

Human Microspherule Protein 1 (MCRS1) ELISA Kit | MCRS1 elisa kit

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CATALOG #
AAA331838

REACTIVITY
Human

PRODUCT SYNONYMS

Microspherule Protein 1 (MCRS1); Human Microspherule Protein 1 (MCRS1) ELISA Kit; MCRS1; ICP22BP; INO80Q; MCRS2; MSP58; P78; INO80 complex subunit Q; cell cycle-regulated factor (78 kDa); MCRS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Microspherule protein 1 (MCRS1) ELISA Kit has high sensitivity and excellent specificity for detection of Human MCRS1. No significant cross-reactivity or interference between Human MCRS1 and analogues was observed.
Sequence Length	271
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 Microspherule protein 1 (MCRS1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MCRS1 elisa kit	Description: This Human Microspherule protein 1 (MCRS1) ELISA Kit employs a two-site sandwich ELISA to quantitate MCRS1 in samples. An antibody specific for MCRS1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MCRS1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MCRS1 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 MCRS1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MCRS1 (Microspherule Protein 1) is a Protein Coding gene. Diseases associated with MCRS1 include Herpes Simplex and Pigmented Basal Cell Carcinoma. Among its related pathways are Chromatin organization and Transcription-Coupled Nucleotide Excision Repair (TC-NER). GO annotations related to this gene include histone acetyltransferase activity (H4-K5 specific) and histone acetyltransferase activity (H4-K16 specific). Modulates the transcription repressor activity of DAXX by recruiting it to the nucleolus (PubMed:11948183). As part of the NSL complex it may be involved in acetylation of nucleosomal histone H4 on several lysine residues (PubMed:20018852). Putative regulatory component of the chromatin remodeling INO80 complex which is involved in transcriptional regulation, DNA replication and probably DNA repair. May also be an inhibitor of TERT telomerase activity (PubMed:15044100). Binds to G-quadruplex structures in mRNA Binds to RNA homopolymer poly(G) and poly(U).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	507588242
NCBI GeneID	10445
NCBI Accession #	NP_001265270.1
NCBI GenBank Nucleotide #	NP_001265270.1
UniProt Accession #	Q96EZ8
NCBI Official Full Name	microspherule protein 1 isoform 3
NCBI Official Synonym Full Names	microspherule protein 1
NCBI Official Symbol	MCRS1
NCBI Official Synonym Symbols	P78; MCRS2; MSP58; INO80Q; ICP22BP
NCBI Protein Information	microspherule protein 1
UniProt Protein Name	Microspherule protein 1
UniProt Gene Name	MCRS1
UniProt Synonym Gene Names	INO80Q; MSP58
UniProt Entry Name	MCRS1_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://stage.aaabiotech.com/human-elisa-kits/microspherule-protein-1-mcrs1/331838>