

Human M-Phase Phosphoprotein 8 (MPHOSPH8) ELISA Kit | MPHOSPH8 elisa kit

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CATALOG #
AAA331721

REACTIVITY
Human

PRODUCT SYNONYMS

M-Phase Phosphoprotein 8 (MPHOSPH8); Human M-Phase Phosphoprotein 8 (MPHOSPH8) ELISA Kit; MPHOSPH8; RP11-523H24.1; FLJ35237; HSMPP8; TWA3; mpp8; M-phase phosphoprotein; mpp; MPHOSPH8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human M-phase phosphoprotein 8 (MPHOSPH8) ELISA Kit has high sensitivity and excellent specificity for detection of Human MPHOSPH8. No significant cross-reactivity or interference between Human MPHOSPH8 and analogues was observed.
Sequence Length	259
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 M-phase phosphoprotein 8 (MPHOSPH8) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MPHOSPH8 elisa kit	Description: This Human M-phase phosphoprotein 8 (MPHOSPH8) ELISA Kit employs a two-site sandwich ELISA to quantitate MPHOSPH8 in samples. An antibody specific for MPHOSPH8 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MPHOSPH8 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MPHOSPH8 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 MPHOSPH8 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MPHOSPH8 (M-Phase Phosphoprotein 8) is a Protein Coding gene. GO annotations related to this gene include methylated histone binding. Heterochromatin component that specifically recognizes and binds methylated Lys-9 of histone H3 (H3K9me) and promotes recruitment of proteins that mediate epigenetic repression (PubMed:20871592, PubMed:26022416). Mediates recruitment of the HUSH complex to H3K9me3 sites: the HUSH complex is recruited to genomic loci rich in H3K9me3 and is probably required to maintain transcriptional silencing by promoting recruitment of SETDB1, a histone methyltransferase that mediates further deposition of H3K9me3 (PubMed:26022416). Binds H3K9me and promotes DNA methylation by recruiting DNMT3A to target CpG sites; these can be situated within the coding region of the gene. Mediates down-regulation of CDH1 expression.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	28278566
NCBI GeneID	54737
UniProt Accession #	Q99549
NCBI Official Full Name	MPHOSPH8 protein
NCBI Official Synonym Full Names	M-phase phosphoprotein 8
NCBI Official Symbol	MPHOSPH8
NCBI Official Synonym Symbols	TWA3; mpp8; HSMPP8
NCBI Protein Information	M-phase phosphoprotein 8
UniProt Protein Name	M-phase phosphoprotein 8
UniProt Gene Name	MPHOSPH8
UniProt Synonym Gene Names	Twa31 PublicationManual assertion based on opinion iniRef.7

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/m-phase-phosphoprotein-8-mphosph8/331721>