

Human Mitotic Spindle Assembly Checkpoint Protein MAD2B (MAD2L2) ELISA Kit | MAD2L2 elisa kit

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CATALOG #
AAA331904

REACTIVITY
Human

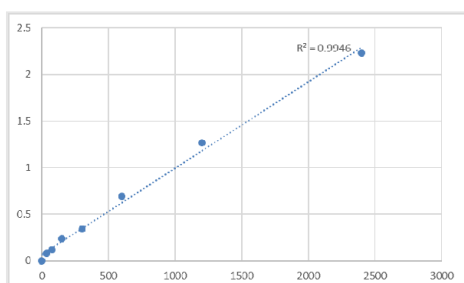
PRODUCT SYNONYMS

Mitotic Spindle Assembly Checkpoint Protein MAD2B (MAD2L2); Human Mitotic Spindle Assembly Checkpoint Protein MAD2B (MAD2L2) ELISA Kit; MAD2L2; RP3-330O12.4; MAD2B; REV7; MAD2 (mitotic arrest deficient; yeast; homolog)-like 2; MAD2 homolog; OTTHUMP00000002273; mitotic arrest deficient homolog-like 2; MAD2L2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Mitotic spindle assembly checkpoint protein MAD2B (MAD2L2) ELISA Kit has high sensitivity and excellent specificity for detection of Human MAD2L2. No significant cross-reactivity or interference between Human MAD2L2 and analogues was observed.
Sequence Length	211
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 Mitotic spindle assembly checkpoint protein MAD2B (MAD2L2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MAD2L2 elisa kit	Description: This Human Mitotic spindle assembly checkpoint protein MAD2B (MAD2L2) ELISA Kit employs a two-site sandwich ELISA to quantitate MAD2L2 in samples. An antibody specific for MAD2L2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MAD2L2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MAD2L2 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 MAD2L2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MAD2L2 is a component of the mitotic spindle assembly checkpoint that prevents the onset of anaphase until all chromosomes are properly aligned at the metaphase plate. MAD2L2 is a homolog of MAD2L1. The predicted 211-amino acid MAD2B protein shares 24% and 26% sequence identity with yeast Mad2 and human MAD2L1, respectively, in the conserved regions. RT-PCR analysis revealed that both human MAD2 homologs were expressed at similar high levels in a panel of cell lines. Further binding analyses determined that the interaction of MAD2L2 with ADAM9 is mediated through a proline-rich SH3-ligand domain of ADAM9. Northern blot analysis detected 1.35-kb MAD2L3 transcripts in all tissues tested, with highest expression in testis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	187960073
NCBI GeneID	10459
NCBI Accession #	NP_006332.3
NCBI GenBank Nucleotide #	NP_006332.3
UniProt Accession #	Q9UI95
NCBI Official Full Name	mitotic spindle assembly checkpoint protein MAD2B
NCBI Official Synonym Full Names	mitotic arrest deficient 2 like 2
NCBI Official Symbol	MAD2L2
NCBI Official Synonym Symbols	REV7; FANCV; MAD2B; POLZ2
NCBI Protein Information	mitotic spindle assembly checkpoint protein MAD2B
UniProt Protein Name	Mitotic spindle assembly checkpoint protein MAD2B
UniProt Gene Name	MAD2L2
UniProt Synonym Gene Names	MAD2B; REV7; MAD2-like protein 2; hREV7
UniProt Entry Name	MD2L2_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/mitotic-spindle-assembly-checkpoint-protein-mad2b-mad2l2/331904>