

Human MAD2L1-Binding Protein (MAD2L1BP) ELISA Kit | MAD2L1BP elisa kit

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CATALOG #
AAA331905

REACTIVITY
Human

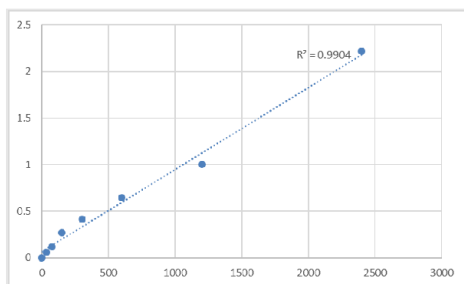
PRODUCT SYNONYMS

MAD2L1-Binding Protein (MAD2L1BP); Human MAD2L1-Binding Protein (MAD2L1BP) ELISA Kit; MAD2L1BP; CMT2; KIAA0110; MGC11282; RP1-261G23.6; caught by MAD2 protein; MAD2L1BP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human MAD2L1-binding protein (MAD2L1BP) ELISA Kit has high sensitivity and excellent specificity for detection of Human MAD2L1BP. No significant cross-reactivity or interference between Human MAD2L1BP and analogues was observed.
Sequence Length	306
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 MAD2L1-binding protein (MAD2L1BP) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MAD2L1BP elisa kit	Description: This Human MAD2L1-binding protein (MAD2L1BP) ELISA Kit employs a two-site sandwich ELISA to quantitate MAD2L1BP in samples. An antibody specific for MAD2L1BP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MAD2L1BP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MAD2L1BP 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 MAD2L1BP bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MAD2L1BP was identified as a binding protein of the MAD2 mitotic arrest deficient-like 1 (MAD2/MAD2L1). This protein may interact with the spindle checkpoint and coordinate cell cycle events in late mitosis. Alternatively spliced transcript variants encoding distinct isoforms have been observed. Upon the completion of spindle attachment, formation of the CMT2-MAD2 complex coincides with dissociation of the p55CDC-MAD2 complex. Overexpression of CMT2 in cells arrested by the spindle checkpoint causes premature destruction of securin and allows exit from mitosis without chromosome segregation. Depletion of CMT2 induces cell death following a transient delay in the onset of anaphase. These results indicate that CMT3 interacts with the spindle checkpoint and coordinates cell cycle events in late mitosis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	51243063
NCBI GeneID	9587
NCBI Accession #	NP_001003690.1
NCBI GenBank Nucleotide #	NP_001003690.1
UniProt Accession #	Q15013
NCBI Official Full Name	MAD2L1-binding protein isoform 1
NCBI Official Synonym Full Names	MAD2L1 binding protein
NCBI Official Symbol	MAD2L1BP
NCBI Official Synonym Symbols	CMT2
NCBI Protein Information	MAD2L1-binding protein
UniProt Protein Name	MAD2L1-binding protein
UniProt Gene Name	MAD2L1BP
UniProt Synonym Gene Names	CMT2; KIAA0110
UniProt Entry Name	MD2BP_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.