

Human Mediator Of RNA Polymerase II Transcription Subunit 1 (MED1) ELISA Kit | MED1 elisa kit

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CATALOG #
AAA331823

REACTIVITY
Human

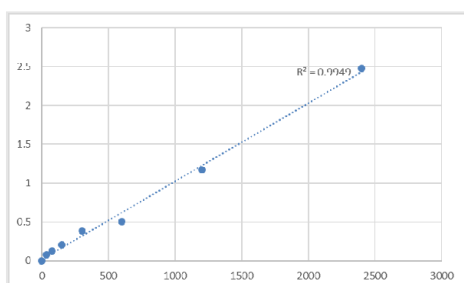
PRODUCT SYNONYMS

Mediator Of RNA Polymerase II Transcription Subunit 1 (MED1); Human Mediator Of RNA Polymerase II Transcription Subunit 1 (MED1) ELISA Kit; MED1; CRSP1; CRSP200; DRIP205; DRIP230; MGC71488; PBP; PPARBP; PPARGBP; RB18A; TRAP220; TRIP2; PPAR binding protein; PPARG binding protein; thyroid hormone receptor-associated protein complex component TRAP; MED1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Mediator of RNA polymerase II transcription subunit 1 (MED1) ELISA Kit has high sensitivity and excellent specificity for detection of Human MED1. No significant cross-reactivity or interference between Human MED1 and analogues was observed.
Sequence Length	1581
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 Mediator of RNA polymerase II transcription subunit 1 (MED1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MED1 elisa kit	Description: This Human Mediator of RNA polymerase II transcription subunit 1 (MED1) ELISA Kit employs a two-site sandwich ELISA to quantitate MED1 in samples. An antibody specific for MED1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MED1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MED1 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 MED1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The activation of gene transcription is a multistep process that is triggered by factors that recognize transcriptional enhancer sites in DNA. These factors work with co-activators to direct transcriptional initiation by the RNA polymerase II apparatus. Mediator of RNA polymerase II transcription subunit 1 encoded by MED1 is a subunit of the CRSP (cofactor required for SP1 activation) complex, which, along with TFIID, is required for efficient activation by SP1. Mediator of RNA polymerase II transcription subunit 1 is also a component of other multisubunit complexes e.g. thyroid hormone receptor-(TR-) associated proteins which interact with TR and facilitate TR function on DNA templates in conjunction with initiation factors and cofactors. It also regulates p53-dependent apoptosis and it is essential for adipogenesis. Mediator of RNA polymerase II transcription subunit 1 is known to have the ability to self-oligomerize.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	28559039
NCBI GeneID	5469
NCBI Accession #	NP_004765.2
NCBI GenBank Nucleotide #	NP_004765.2
UniProt Accession #	Q15648
NCBI Official Full Name	mediator of RNA polymerase II transcription subunit 1
NCBI Official Synonym Full Names	mediator complex subunit 1
NCBI Official Symbol	MED1
NCBI Official Synonym Symbols	PBP; CRSP1; RB18A; TRIP2; PPARBP; CRSP200; DRIP205; DRIP230; PPARGBP; TRAP220
NCBI Protein Information	mediator of RNA polymerase II transcription subunit 1
UniProt Protein Name	Mediator of RNA polymerase II transcription subunit 1
UniProt Gene Name	MED1
UniProt Synonym Gene Names	ARC205; CRSP1; CRSP200; DRIP205; DRIP230; PBP; PPARBP; PPARGBP; RB18A; TRAP220; TRIP2; ARC205; PBP; PPAR-binding protein; Trap220; TR-interacting protein 2; TRIP-2
UniProt Entry Name	MED1_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/mediator-of-rna-polymerase-ii-transcription-subunit-1-med1/331823>