

Human Mediator Of RNA Polymerase II Transcription Subunit 13 (MED13) ELISA Kit | MED13 elisa kit

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CATALOG # AAA331819	REACTIVITY Human
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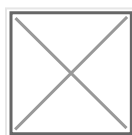
PRODUCT SYNONYMS

Mediator Of RNA Polymerase II Transcription Subunit 13 (MED13); Human Mediator Of RNA Polymerase II Transcription Subunit 13 (MED13) ELISA Kit; MED13; ARC250; DRIP250; HSPC221; KIAA0593; THRAP1; TRAP240; activator-recruited cofactor 250 kDa component; mediator of RNA polymerase transcription; subunit 13 homolog; thyroid hormone receptor associate; MED13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Mediator of RNA polymerase II transcription subunit 13 (MED13) ELISA Kit has high sensitivity and excellent specificity for detection of Human MED13. No significant cross-reactivity or interference between Human MED13 and analogues was observed.
Sequence Length	2174
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	<ul style="list-style-type: none"> * 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 13 (MED13) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MED13 elisa kit	<p>Description: This Human Mediator of RNA polymerase II transcription subunit 13 (MED13) ELISA Kit employs a two-site sandwich ELISA to quantitate MED13 in samples. An antibody specific for MED13 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MED13 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MED13 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 MED13 bound in the initial step. The color development is stopped and the intensity of the color is measured.</p> <p>Background: MED13 encodes a component of the mediator complex (also known as TRAP, SMCC, DRIP, or ARC), a transcriptional coactivator complex thought to be required for the expression of almost all genes. The mediator complex is recruited by transcriptional activators or nuclear receptors to induce gene expression, possibly by interacting with RNA polymerase II and promoting the formation of a transcriptional pre-initiation complex. The product of MED13 is proposed to form a sub-complex with MED12, cyclin C, and CDK8 that can negatively regulate transactivation by mediator.</p>
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NCBI AND UNIPROT INFORMATION

NCBI GI #	102468717
NCBI GeneID	9969
NCBI Accession #	NP_005112.2
NCBI GenBank Nucleotide #	NP_005112.2
UniProt Accession #	Q9UHV7
NCBI Official Full Name	mediator of RNA polymerase II transcription subunit 13
NCBI Official Synonym Full Names	mediator complex subunit 13
NCBI Official Symbol	MED13
NCBI Official Synonym Symbols	ARC250; THRAP1; DRIP250; HSPC221; TRAP240
NCBI Protein Information	mediator of RNA polymerase II transcription subunit 13
UniProt Protein Name	Mediator of RNA polymerase II transcription subunit 13
UniProt Gene Name	MED13
UniProt Synonym Gene Names	ARC250; KIAA0593; THRAP1; TRAP240; ARC250; Trap240; DRIP250
UniProt Entry Name	MED13_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-13-med13/331819>