Human Mediator Of RNA Polymerase II Transcription Subunit 20 (MED20) ELISA Kit | MED20 elisa kit

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CATALOG #	REACTIVITY
AAA331813	**Human**

PRODUCT SYNONYMS

Mediator Of RNA Polymerase II Transcription Subunit 20 (MED20); Human Mediator Of RNA Polymerase II Transcription Subunit 20 (MED20) ELISA Kit; MED20; RP5-973N23.1; DKFZp586D2223; MGC29869; PRO0213; TRFP; Trf (TATA binding protein-related factor)-proximal homolog; MED20 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Mediator of RNA polymerase II transcription subunit 20 (MED20) ELISA Kit has high sensitivity and excellent specificity for detection of Human MED20. No significant cross-reactivity or interference between Human MED20 and analogues was observed.
Sequence Length	212
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 20 (MED20) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MED20 elisa kit	Description: This Human Mediator of RNA polymerase II transcription subunit 20 (MED20) ELISA Kit employs a two-site sandwich ELISA to quantitate MED20 in samples. An antibody specific for MED20 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MED20 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MED20 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 MED20 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MED20 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, by interacting with RNA polymerase II and promoting the formation of a transcriptional pre-initiation complex. A mutation in this gene has been associated with a novel infantile-onset neurodegenerative movement disorder. Alternatively spliced transcript variants have been identified.

NCBI AND UNIPROT INFORMATION

NCBI GI #	30023851
NCBI GeneID	9477
NCBI Accession #	NP_004266.2
NCBI GenBank Nucleotide #	NP_004266.2
UniProt Accession #	Q9H944
NCBI Official Full Name	mediator of RNA polymerase II transcription subunit 20 isoform 1
NCBI Official Synonym Full Names	mediator complex subunit 20
NCBI Official Symbol	MED20
NCBI Official Synonym Symbols	SRB2; TRFP; PRO0213
NCBI Protein Information	mediator of RNA polymerase II transcription subunit 20
UniProt Protein Name	Mediator of RNA polymerase II transcription subunit 20
UniProt Gene Name	**MED20**
UniProt Synonym Gene Names	TRFP; hTRFP
UniProt Entry Name	MED20_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-20-med20/331813