

Human Mediator of RNA polymerase II transcription subunit 12 (MED12) ELISA Kit | MED12 elisa kit

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CATALOG # AAA245586	REACTIVITY Human
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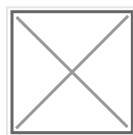
PRODUCT SYNONYMS

Mediator of RNA polymerase II transcription subunit 12 (MED12); Human Mediator of RNA polymerase II transcription subunit 12 (MED12) ELISA Kit; MED12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MED12. No significant cross-reactivity or interference between MED12 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between MED12 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MED12 elisa kit	<p>Intended Uses: This MED12 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human MED12. This ELISA kit for research use only, not for therapeutic or test applications!</p> <p>Principle of the Assay: MED12 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-MED12 antibody and an MED12-HRP conjugate. The assay sample and buffer are incubated together with MED12-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the MED12 concentration since MED12 from samples and MED12-HRP conjugate compete for the anti-MED12 antibody binding site. Since the number of sites is limited, as more sites are occupied by MED12 from the sample, fewer sites are left to bind MED12-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MED12 concentration in each sample is interpolated from this standard curve.</p>
Product Categories/Family for MED12 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	110347429
NCBI GeneID	9968
NCBI Accession #	NP_005111.2
NCBI GenBank Nucleotide #	NM_005120.2
Molecular Weight	242,953 Da
NCBI Official Full Name	mediator of RNA polymerase II transcription subunit 12
NCBI Official Synonym Full Names	mediator complex subunit 12
NCBI Official Symbol	MED12
NCBI Official Synonym Symbols	OKS; FGS1; HOPA; OPA1; OHDOX; ARC240; CAGH45; MED12S; TNRC11; TRAP230
NCBI Protein Information	mediator of RNA polymerase II transcription subunit 12; CAG repeat protein 45; human opposite paired; OPA-containing protein; putative mediator subunit 12; activator-recruited cofactor 240 kDa component; trinucleotide repeat-containing gene 11 protein; thyroid hormone receptor-associated protein, 230 kDa subunit; mediator of RNA polymerase II transcription, subunit 12 homolog; thyroid hormone receptor-associated protein complex 230 kDa component; trinucleotide repeat containing 11 (THR-associated protein, 230 kDa subunit)
UniProt Protein Name	Mediator of RNA polymerase II transcription subunit 12
UniProt Gene Name	MED12
UniProt Synonym Gene Names	ARC240; CAGH45; HOPA; KIAA0192; TNRC11; TRAP230; ARC240; Trap230
UniProt Entry Name	MED12_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-12-med12/245586>