

Mouse Cbp/p300-interacting transactivator 2 (CITED2) ELISA Kit | CITED2 elisa kit

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CATALOG #
AAA245270

REACTIVITY
Mouse

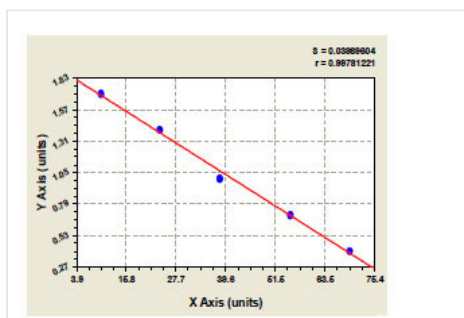
PRODUCT SYNONYMS

Cbp/p300-interacting transactivator 2 (CITED2); Mouse Cbp/p300-interacting transactivator 2 (CITED2) ELISA Kit; CITED2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CITED2 elisa kit

Intended Uses: This CITED2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CITED2. This ELISA kit for research use only!

Principle of the Assay||CITED2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CITED2 antibody and an CITED2-HRP conjugate. The assay sample and buffer are incubated together with CITED2-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 CITED2 concentration since CITED2 from samples and CITED2-HRP conjugate compete for the anti-CITED2 antibody binding site. Since the number of sites is limited, as more sites are occupied by CITED2 from the sample, fewer sites are left to bind CITED2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CITED2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CITED2 elisa kit

[Epigenetics and Nuclear Signaling](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	21542403
NCBI GeneID	10370
Molecular Weight	23,732 Da
NCBI Official Full Name	Cbp/p300-interacting transactivator 2
NCBI Official Synonym Full Names	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2
NCBI Official Symbol	CITED2
NCBI Official Synonym Symbols	ASD8; MRG1; VSD2; MRG-1; P35SRJ
NCBI Protein Information	cbp/p300-interacting transactivator 2; MSG1-related gene 1; MSG-related protein 1; melanocyte-specific gene 1-related gene 1
UniProt Protein Name	Cbp/p300-interacting transactivator 2
UniProt Gene Name	CITED2
UniProt Synonym Gene Names	MRG1; MRG-1
UniProt Entry Name	CITE2_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/mouse-elisa-kits/cbp-p300-interacting-transactivator-2-cited2/245270>