

Human COP9 signalosome complex subunit 5 (COPS5) ELISA Kit | COPS5 elisa kit

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CATALOG #
AAA245471

REACTIVITY
Human

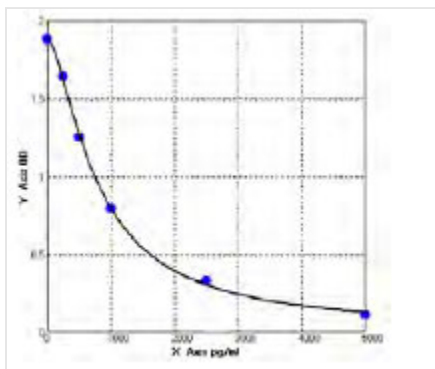
PRODUCT SYNONYMS

COP9 signalosome complex subunit 5 (COPS5); Human COP9 signalosome complex subunit 5 (COPS5) ELISA Kit; COPS5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of COPS5. No significant cross-reactivity or interference between COPS5 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between COPS5 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 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for COPS5 elisa kit	Intended Uses: This COPS5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human COPS5. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: COPS5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-COPS5 antibody and an COPS5-HRP conjugate. The assay sample and buffer are incubated together with COPS5-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 COPS5 concentration since COPS5 from samples and COPS5-HRP conjugate compete for the anti-COPS5 antibody binding site. Since the number of sites is limited, as more sites are occupied by COPS5 from the sample, fewer sites are left to bind COPS5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The COPS5 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for COPS5 elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	38027923
NCBI GeneID	10987
NCBI Accession #	NP_006828.2
NCBI GenBank Nucleotide #	NM_006837.2
Molecular Weight	37,579 Da
NCBI Official Full Name	COP9 signalosome complex subunit 5
NCBI Official Synonym Full Names	COP9 signalosome subunit 5
NCBI Official Symbol	COPS5
NCBI Official Synonym Symbols	CSN5; JAB1; SGN5; MOV-34
NCBI Protein Information	COP9 signalosome complex subunit 5; 38 kDa Mov34 homolog; signalosome subunit 5; jun activation domain-binding protein 1; COP9 constitutive photomorphogenic homolog subunit 5
UniProt Protein Name	COP9 signalosome complex subunit 5
UniProt Gene Name	COPS5
UniProt Synonym Gene Names	CSN5; JAB1; SGN5; Signalosome subunit 5
UniProt Entry Name	CSN5_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/cop9-signalosome-complex-subunit-5-cops5/245471>