

Human COP9 Constitutive Photomorphogenic Homolog Subunit 2 (COPS2) ELISA Kit | COPS2 elisa kit

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CATALOG # AAA68392	REACTIVITY Human
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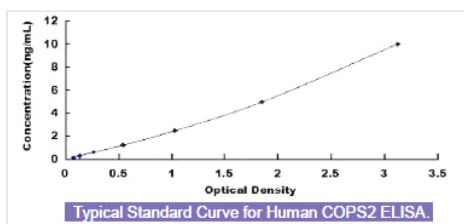
PRODUCT SYNONYMS

COP9 Constitutive Photomorphogenic Homolog Subunit 2 (COPS2); Human COP9 Constitutive Photomorphogenic Homolog Subunit 2 (COPS2) ELISA Kit; CSN2; SGN2; ALIEN; TRIP15; COPS2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of COPS2. No significant cross-reactivity or interference between COPS2 and analogues was observed.
Sequence Length	450
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	<0.065ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level COPS2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level COPS2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for COPS2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of COPS2 in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to COPS2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to COPS2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain COPS2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of COPS2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	219842262
NCBI GeneID	9318
NCBI Accession #	NP_001137359.1
NCBI GenBank Nucleotide #	NM_001143887.1
UniProt Accession #	P61201; O88950; Q15647; Q6FGP4; Q9BY54; Q9R249; Q9UNI2; Q9UNQ5
Molecular Weight	52,405 Da
NCBI Official Full Name	COP9 signalosome complex subunit 2 isoform 2
NCBI Official Synonym Full Names	COP9 signalosome subunit 2
NCBI Official Symbol	COPS2
NCBI Official Synonym Symbols	CSN2; SGN2; ALIEN; TRIP15
NCBI Protein Information	COP9 signalosome complex subunit 2
UniProt Protein Name	COP9 signalosome complex subunit 2
UniProt Gene Name	COPS2
UniProt Synonym Gene Names	CSN2; TRIP15; SGN2; Signalosome subunit 2; TR-interacting protein 15; TRIP-15

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/cop9-constitutive-photomorphogenic-homolog-subunit-2-cops2/68392>