

Human Cooperator Of PRMT5 (COPR5) ELISA Kit | COPR5 elisa kit

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CATALOG #
AAA67360

REACTIVITY
Human

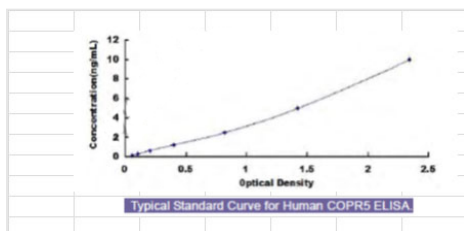
PRODUCT SYNONYMS

Cooperator Of PRMT5 (COPR5); Human Cooperator Of PRMT5 (COPR5) ELISA Kit; COPR5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of COPR5. No significant cross-reactivity or interference between COPR5 and analogues was observed.
Sequence Length	184
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level COPR5 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 COPR5 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for COPR5 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of COPR5 in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to COPR5. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to COPR5. 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 COPR5, 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 COPR5 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 #	217416381
NCBI GeneID	55352
NCBI Accession #	NP_060875.2
NCBI GenBank Nucleotide #	NM_018405.3
UniProt Accession #	Q9NQ92; Q96EF5; Q96P75; A6NP14; E1P656
Molecular Weight	20,066 Da
NCBI Official Full Name	coordinator of PRMT5 and differentiation stimulator isoform 1
NCBI Official Synonym Full Names	coordinator of PRMT5 and differentiation stimulator
NCBI Official Symbol	COPRS
NCBI Official Synonym Symbols	TTP1; COPR5; C17orf79; HSA272196
NCBI Protein Information	coordinator of PRMT5 and differentiation stimulator
UniProt Protein Name	Coordinator of PRMT5 and differentiation stimulator
UniProt Gene Name	COPRS
UniProt Synonym Gene Names	C17orf79; COPR5

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.