

Human Conserved oligomeric Golgi complex subunit 5 (COG5) ELISA Kit | COG5 elisa kit

Human Conserved oligomeric Golgi complex subunit 5 (COG5) ELISA Kit

CATALOG #
AAA246148

REACTIVITY
Human

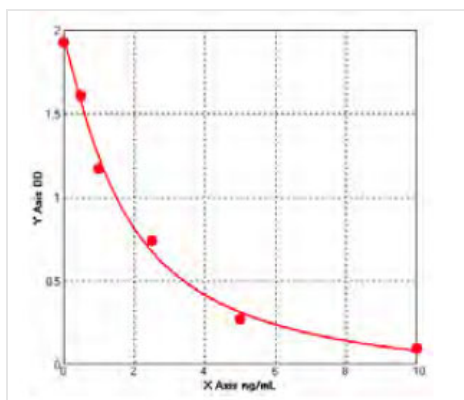
PRODUCT SYNONYMS

Conserved oligomeric Golgi complex subunit 5 (COG5); Human Conserved oligomeric Golgi complex subunit 5 (COG5) ELISA Kit; COG5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of COG5. No significant cross-reactivity or interference between COG5 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between COG5 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	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for COG5 elisa kit	Intended Uses: This COG5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of HumanCOG5. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: COG5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-COG5 antibody and an COG5-HRP conjugate. The assay sample and buffer are incubated together with COG5-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 COG5 concentration since COG5 from samples and COG5-HRP conjugate compete for the anti-COG5 antibody binding site. Since the number of sites is limited, as more sites are occupied by COG5 from the sample, fewer sites are left to bind COG5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The COG5 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for COG5 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	253314464
NCBI GeneID	238123
NCBI Accession #	NP_001156598.1
NCBI GenBank Nucleotide #	NM_001163126.1
Molecular Weight	91,391 Da
NCBI Official Full Name	conserved oligomeric Golgi complex subunit 5
NCBI Official Synonym Full Names	component of oligomeric golgi complex 5
NCBI Official Symbol	Cog5
NCBI Official Synonym Symbols	GTC90; C87247; D18362; GOLTC1; 5430405C01Rik
NCBI Protein Information	conserved oligomeric Golgi complex subunit 5; COG complex subunit 5
UniProt Protein Name	Conserved oligomeric Golgi complex subunit 5
UniProt Gene Name	Cog5
UniProt Synonym Gene Names	COG complex subunit 5
UniProt Entry Name	COG5_MOUSE

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://www.aaabiotech.com/human-elisa-kits/conserved-oligomeric-golgi-complex-subunit-5-cog5/246148>