

Mouse COMM domain-containing protein 5 (COMMD5) ELISA Kit | COMMD5 elisa kit

Mouse COMM domain-containing protein 5 (COMMD5) ELISA Kit

CATALOG #
AAA246061

REACTIVITY
Mouse

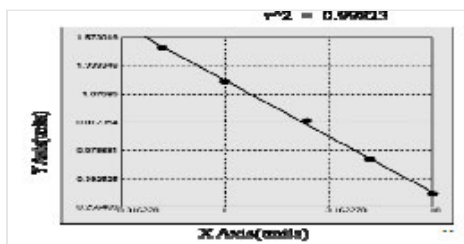
PRODUCT SYNONYMS

COMM domain-containing protein 5 (COMMD5); Mouse COMM domain-containing protein 5 (COMMD5) ELISA Kit; COMMD5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for COMMD5 elisa kit

Intended Uses: This COMMD5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse COMMD5. This ELISA kit for research use only!

Principle of the Assay||COMMD5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-COMMD5 antibody and an COMMD5-HRP conjugate. The assay sample and buffer are incubated together with COMMD5-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 COMMD5 concentration since COMMD5 from samples and COMMD5-HRP conjugate compete for the anti-COMMD5 antibody binding site. Since the number of sites is limited, as more sites are occupied by COMMD5 from the sample, fewer sites are left to bind COMMD5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The COMMD5 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

564730584

NCBI GeneID	28991
NCBI Accession #	NP_001274166.1
NCBI GenBank Nucleotide #	NM_001287237.1
Molecular Weight	24,670 Da
NCBI Official Full Name	COMM domain-containing protein 5
NCBI Official Synonym Full Names	COMM domain containing 5
NCBI Official Symbol	COMMD5
NCBI Official Synonym Symbols	HCARG; HT002
NCBI Protein Information	COMM domain-containing protein 5; hypertension-related calcium-regulated gene protein
UniProt Protein Name	COMM domain-containing protein 5
UniProt Gene Name	COMMD5
UniProt Synonym Gene Names	HT002; HCaRG
UniProt Entry Name	COMD5_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/comm-domain-containing-protein-5-commd5/246061>