

Mouse Cubilin (CUBN) ELISA Kit | CUBN elisa kit

Mouse Cubilin (CUBN) ELISA Kit

CATALOG #
AAA246617

REACTIVITY
Mouse

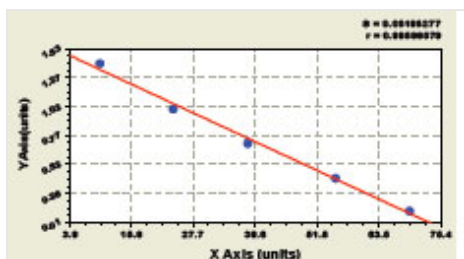
PRODUCT SYNONYMS

Cubilin (CUBN); Mouse Cubilin (CUBN) ELISA Kit; CUBN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	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 CUBN elisa kit

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

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

NCBI AND UNIPROT INFORMATION

NCBI GI #

16758040

NCBI GeneID	80848
NCBI Accession #	NP_445784.1
NCBI GenBank Nucleotide #	NM_053332.2
Molecular Weight	398,987 Da
NCBI Official Full Name	cubilin
NCBI Official Synonym Full Names	cubilin (intrinsic factor-cobalamin receptor)
NCBI Official Symbol	Cubn
NCBI Official Synonym Symbols	IFCR; MGA1; GP280
NCBI Protein Information	cubilin; 460 kDa receptor; glycoprotein 280; intrinsic factor-cobalamin receptor; intrinsic factor-vitamin B12 receptor
UniProt Protein Name	Cubilin
UniProt Gene Name	Cubn
UniProt Synonym Gene Names	Ifcr; gp280
UniProt Entry Name	CUBN_RAT

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/mouse-elisa-kits/cubilin-cubn/246617>