

Human Cullin 3 (CUL3) ELISA Kit | CUL3 elisa kit

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CATALOG #
AAA246640

REACTIVITY
Human

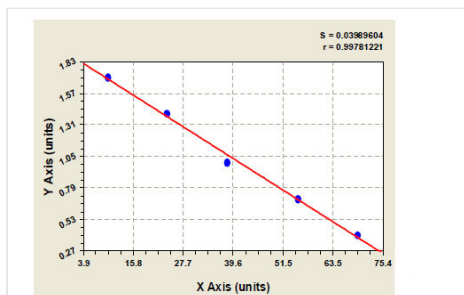
PRODUCT SYNONYMS

Cullin 3 (CUL3); Human Cullin 3 (CUL3) ELISA Kit; CUL3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CUL3 elisa kit

Intended Uses: This CUL3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CUL3. This ELISA kit for research use only!

Principle of the Assay||CUL3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CUL3 antibody and an CUL3-HRP conjugate. The assay sample and buffer are incubated together with CUL3-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 CUL3 concentration since CUL3 from samples and CUL3-HRP conjugate compete for the anti-CUL3 antibody binding site. Since the number of sites is limited, as more sites are occupied by CUL3 from the sample, fewer sites are left to bind CUL3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CUL3 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CUL3 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	3639052
NCBI GeneID	8452
Molecular Weight	81,093 Da
NCBI Official Full Name	cullin 3
NCBI Official Synonym Full Names	cullin 3
NCBI Official Symbol	CUL3
NCBI Official Synonym Symbols	CUL-3; PHA2E
NCBI Protein Information	cullin-3
UniProt Protein Name	Cullin-3
UniProt Gene Name	CUL3
UniProt Synonym Gene Names	KIAA0617; CUL-3
UniProt Entry Name	CUL3_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/cullin-3-cul3/246640>