

Human Cullin 9 (CUL9) ELISA Kit | CUL9 elisa kit

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CATALOG #
AAA67214

REACTIVITY
Human

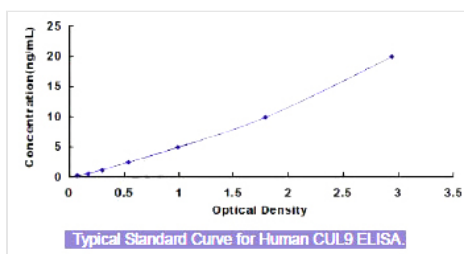
PRODUCT SYNONYMS

Cullin 9 (CUL9); Human Cullin 9 (CUL9) ELISA Kit; Addressin; CUL9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CUL9. No significant cross-reactivity or interference between CUL9 and analogues was observed.
Sequence Length	2517
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.118ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CUL9 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 CUL9 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 CUL9 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CUL9 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CUL9. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CUL9. 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 CUL9, 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 CUL9 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 #	24307991
NCBI GeneID	23113
NCBI Accession #	NP_055904.1
NCBI GenBank Nucleotide #	NM_015089.3
UniProt Accession #	Q8IWT3; O75188; Q5TCY3; Q68CP2; Q68D92; Q8N3W9; Q9BU56
Molecular Weight	268,362 Da
NCBI Official Full Name	cullin-9
NCBI Official Synonym Full Names	cullin 9
NCBI Official Symbol	CUL9
NCBI Official Synonym Symbols	PARC; H7AP1
NCBI Protein Information	cullin-9
UniProt Protein Name	Cullin-9
UniProt Gene Name	CUL9
UniProt Synonym Gene Names	H7AP1; KIAA0708; PARC; CUL-9

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.