

Human Protein cereblon ELISA Kit | CRBN elisa kit

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CATALOG #
AAA97761

REACTIVITY
Human

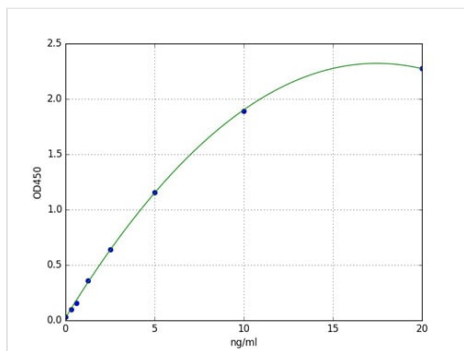
PRODUCT SYNONYMS

Protein cereblon; Human Protein cereblon ELISA Kit; CRBN/Protein cereblon/DKFZp781K0715/MGC27358/MRT2A/AD-006; CRBN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	444
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Results of a typical standard run of a Human CRBN ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.072	0.146	0.221	0.365	0.668	1.147	1.943	2.598

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CRBN elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human CRBN antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human CRBN antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human CRBN amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human CRBN can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

90403612

NCBI GeneID	58799
NCBI Accession #	NP_067424.2
NCBI GenBank Nucleotide #	NM_021449.3
Molecular Weight	50,809 Da
NCBI Official Full Name	protein cereblon isoform 1
NCBI Official Synonym Full Names	cereblon
NCBI Official Symbol	Crbn
NCBI Official Synonym Symbols	piL; AF229032; AW108261; 2610203G15Rik; 2900045O07Rik
NCBI Protein Information	protein cereblon
UniProt Protein Name	Protein cereblon
UniProt Gene Name	Crbn
UniProt Synonym Gene Names	Protein PiL
UniProt Entry Name	CRBN_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.

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Online datasheet: <https://stage.aaabiotech.com/crbn-human-elisa-kits/protein-cereblon/97761>