

## Human Cereblon (CRBN) ELISA Kit | CRBN elisa kit

Human Cereblon (CRBN) ELISA Kit

CATALOG #  
**AAA11182**

REACTIVITY  
**Human**

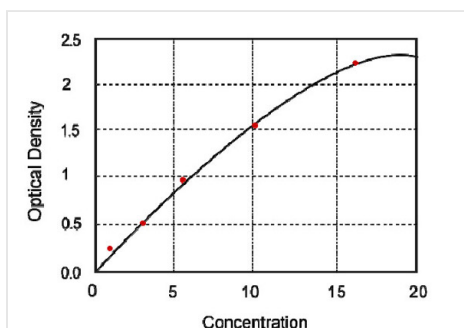
### PRODUCT SYNONYMS

Cereblon (CRBN); Human Cereblon (CRBN) ELISA Kit; CRBN elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                            |
| Sequence Length         | 441                                                                                                                                                                                              |
| Samples                 | Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids                                                                                                   |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                            |
| Detection Range         | 0.1-40ng/ml                                                                                                                                                                                      |
| Sensitivity             | 0.043ng/ml                                                                                                                                                                                       |
| Intra-assay Precision   | Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%                              |
| Inter-assay Precision   | Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10% |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                                                                                                                                           |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for CRBN elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Human Protein cereblon (also known as CRBN) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

**Principle of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human CRBN antibody. CRBN present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human CRBN Antibody is added and binds to CRBN in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CRBN antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human CRBN. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 45767875                                               |
| NCBI GeneID                      | 51185                                                  |
| UniProt Accession #              | Q96SW2; Q6AI62; Q6NVZ0; Q9UHW4; B2R6H4; C9IZA9; C9JAH6 |
| Molecular Weight                 | 50,475 Da                                              |
| NCBI Official Full Name          | Cereblon                                               |
| NCBI Official Synonym Full Names | cereblon                                               |
| NCBI Official Symbol             | CRBN                                                   |
| NCBI Official Synonym Symbols    | MRT2; MRT2A                                            |
| NCBI Protein Information         | protein cereblon                                       |
| UniProt Protein Name             | Protein cereblon                                       |
| UniProt Gene Name                | CRBN                                                   |

**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://www.aaabiotech.com/human-elisa-kits/cereblon-crbn/11182>