

## Rabbit Occludin ELISA Kit | OCLN elisa kit

Rabbit Occludin ELISA Kit

CATALOG #  
**AAA86154**

REACTIVITY  
**Rabbit**

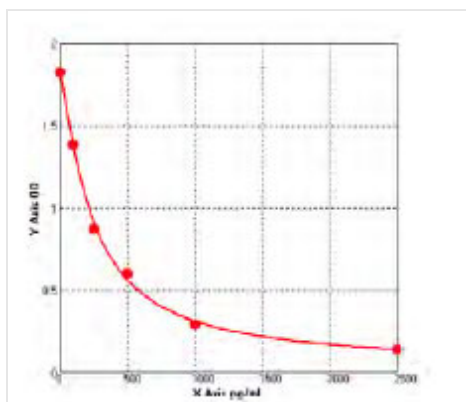
### PRODUCT SYNONYMS

Occludin; Rabbit Occludin ELISA Kit; OCLN elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Rabbit                                                                     |
| Samples                 | Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate |
| Assay Type              | Quantitative 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 OCLN elisa kit

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

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

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">1322282</a>                                                          |
| NCBI GeneID                      | <a href="#">100506658</a>                                                        |
| Molecular Weight                 | 8,175 Da                                                                         |
| NCBI Official Full Name          | occludin                                                                         |
| NCBI Official Synonym Full Names | occludin                                                                         |
| NCBI Official Symbol             | OCLN                                                                             |
| NCBI Official Synonym Symbols    | BLCPMG; PPP1R115                                                                 |
| NCBI Protein Information         | occludin; tight junction protein occludin; phosphatase 1, regulatory subunit 115 |
| UniProt Protein Name             | Occludin                                                                         |
| UniProt Gene Name                | <b>OCLN</b>                                                                      |
| UniProt Entry Name               | OCLN_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/ocln-rabbit-elisa-kits/occludin/86154>