

Rat Occludin (Ocln) ELISA Kit | Ocln elisa kit

Rat Occludin, Ocln ELISA Kit

CATALOG #
AAA15833

REACTIVITY
Rat

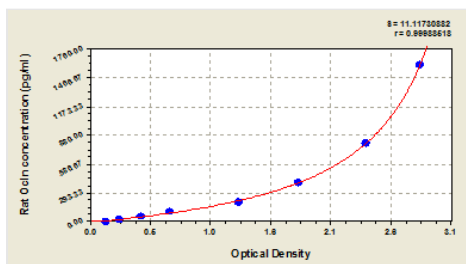
PRODUCT SYNONYMS

Occludin (Ocln); Rat Occludin; Ocln ELISA Kit; Rat Occludin (Ocln) ELISA kit; tight junction protein occludin TM4 minus; Ocln elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat Ocln. No significant cross-reactivity or interference between rat Ocln and analogues was observed.
Sequence Length	523
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	25 pg/ml-1600 pg/ml
Sensitivity	< 6.25 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ocln elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for Ocln has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Ocln present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Ocln is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Ocln bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40254754
NCBI GeneID	83497
NCBI Accession #	NP_112619.2
NCBI GenBank Nucleotide #	NM_031329.2
UniProt Accession #	Q6P6T5; Q9Z303
Molecular Weight	59,186 Da
NCBI Official Full Name	occludin
NCBI Official Synonym Full Names	occludin
NCBI Official Symbol	Ocln
NCBI Protein Information	occludin
UniProt Protein Name	Occludin
UniProt Gene Name	Ocln
UniProt Entry Name	OCLN_RAT

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/rat-elisa-kits/occludin-ocln/15833>