

Goat Occludin ELISA Kit | OCLN elisa kit

Goat Occludin ELISA Kit

CATALOG #
AAA91380

REACTIVITY
Goat

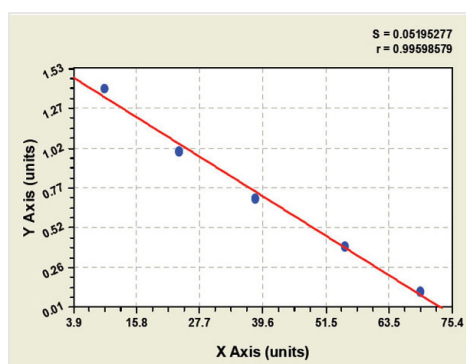
PRODUCT SYNONYMS

Occludin; Goat Occludin ELISA Kit; OCLN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This OCLN 2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat OCLN 2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample C)

ADDITIONAL INFORMATION

Related Product Information for OCLN elisa kit

Principle of the Assay: OCLN 2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-OCLN 2 antibody and an OCLN 2-HRP conjugate. The assay sample and buffer are incubated together with OCLN 2-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 OCLN 2 concentration since OCLN 2 from samples and OCLN 2-HRP conjugate compete for the anti-OCLN 2 antibody binding site. Since the number of sites is limited, as more sites are occupied by OCLN 2 from the sample, fewer sites are left to bind OCLN 2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The OCLN 2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for OCLN elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	1322282
NCBI GeneID	100506658
UniProt Accession #	Q16625; Q5U1V4; Q8N6K1; B5BU70; D2DU64; D2DU65; D2IGC0; D2IGC1; E2CYV9
Molecular Weight	59,144 Da
NCBI Official Full Name	occludin
NCBI Official Synonym Full Names	occludin
NCBI Official Symbol	OCLN
NCBI Official Synonym Symbols	BLCPMG
NCBI Protein Information	occludin; tight junction protein occludin
UniProt Protein Name	Occludin
UniProt Gene Name	OCLN
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.

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Online datasheet: <https://stage.aaabiotech.com/ocln-goat-elisa-kits/occludin/91380>