

Bovine Occludin ELISA Kit | OCLN elisa kit

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CATALOG #
AAA91300

REACTIVITY
Bovine

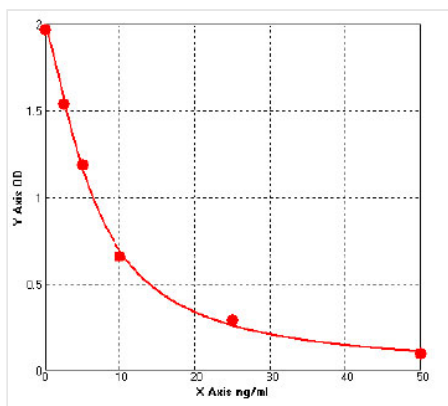
PRODUCT SYNONYMS

Occludin; Bovine Occludin ELISA Kit; OCLN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of OCLN. No significant cross-reactivity or interference between OCLN and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between OCLN and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
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	Principle of the Assay: OCLN ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-OCLN antibody and an OCLN-HRP conjugate. The assay sample and buffer are incubated together with OCLN-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 concentration since OCLN from samples and OCLN-HRP conjugate compete for the anti-OCLN antibody binding site. Since the number of sites is limited, as more sites are occupied by OCLN from the sample, fewer sites are left to bind OCLN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The OCLN concentration in each sample is interpolated from this standard curve. Intended Uses: This OCLN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine OCLN. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for OCLN elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	1322282
NCBI GeneID	100506658
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	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.