

Human Chondrolectin (CHODL) ELISA Kit | CHODL elisa kit

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CATALOG #
AAA245365

REACTIVITY
Human

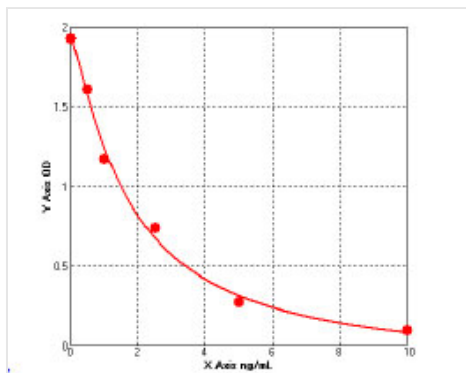
PRODUCT SYNONYMS

Chondrolectin (CHODL); Human Chondrolectin (CHODL) ELISA Kit; CHODL elisa kit

PRODUCT SPECIFICATIONS

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

NCBI GI #	110625876
NCBI GeneID	246048
NCBI Accession #	NP_624360.2
NCBI GenBank Nucleotide #	NM_139134.3
Molecular Weight	30,331 Da
NCBI Official Full Name	chondrolectin
NCBI Official Synonym Full Names	chondrolectin
NCBI Official Symbol	Chodl
NCBI Official Synonym Symbols	MT75; PRED12; 3110074E07Rik
NCBI Protein Information	chondrolectin; transmembrane protein MT75
UniProt Protein Name	Chondrolectin
UniProt Gene Name	Chodl
UniProt Entry Name	CHODL_MOUSE

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/chondrolectin-chodl/245365>