

Human Omentin/intelectin-1 ELISA Kit | ITLN1 elisa kit

Human Omentin/intelectin-1 PicoKine ELISA Kit

CATALOG #
AAA125194

REACTIVITY
Human

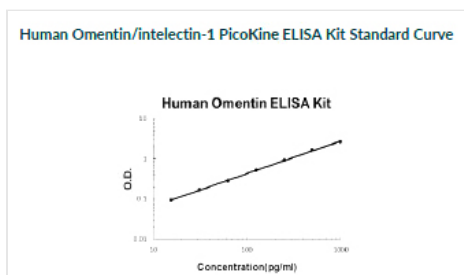
PRODUCT SYNONYMS

Omentin/intelectin-1; Human Omentin/intelectin-1 PicoKine ELISA Kit; Human Omentin/intelectin-1; intelectin 1; Intelectin-1; ITLN-1; Endothelial lectin HL-1; Galactofuranose-binding lectin; Intestinal lactoferrin receptor; Omentin; ITLN1; INTL; ITLN; LFR; UNQ640; PRO1270; ITLN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human ITLN1
Sequence Length	313
Samples	Cell culture supernates, serum and plasma (heparin, EDTA, citrate)
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	<10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ITLN1 elisa kit	Principle of the Assay: The Picokine™ Human ITLN1 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human ITLN1 with a 96-well strip plate that is pre-coated with antibody specific for ITLN1. The detection antibody is a biotinylated antibody specific for ITLN1. The capture antibody is a monoclonal antibody from mouse, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Human ITLN1 with immunogen: Expression system for standard: NSO, Immunogen sequence: T19-S298. The kit is analytically validated with ready to use reagents. To measure Human ITLN1, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Human ITLN1 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human ITLN1 in the sample.!!Background/Introduction: Intelectin-1, also known as omentin or intestinal lactoferrin receptor, is an intelectin encoded in humans by the ITLN1 gene. It is mapped to 1q23.3. Intelectin-1 functions both as a receptor for bacterial arabinogalactans and for lactoferrin. Having conserved ligand binding site residues, both human and mouse intelectin-1 bind the exocyclic vicinal diol of carbohydrate ligands such as galactofuranose.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31542986
NCBI GeneID	55600
NCBI Accession #	NP_060095.2
NCBI GenBank Nucleotide #	NP_060095.2
UniProt Accession #	Q8WWA0
NCBI Official Full Name	intelectin-1
NCBI Official Synonym Full Names	intelectin 1
NCBI Official Symbol	ITLN1
NCBI Official Synonym Symbols	HL1; LFR; HL-1; INTL; ITLN; hIntL; omentin
NCBI Protein Information	intelectin-1
UniProt Protein Name	Intelectin-1
UniProt Gene Name	ITLN1
UniProt Synonym Gene Names	INTL; ITLN; LFR; ITLN-1
UniProt Entry Name	ITLN1_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/itln1-human-elisa-kits/omentin-intelectin-1/125194>