

Rat Intelectin 1 (ITLN1) ELISA Kit | ITLN1 elisa kit

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CATALOG # AAA65559	REACTIVITY Rat
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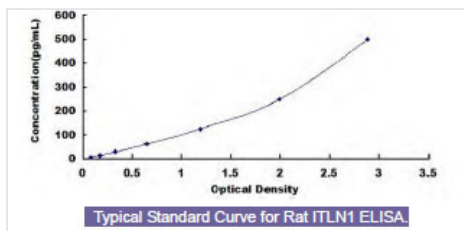
PRODUCT SYNONYMS

Intelectin 1 (ITLN1); Rat Intelectin 1 (ITLN1) ELISA Kit; HL1; INTL; ITLN; LFR; HIntL; Omentin; Intelectin 1; Galactofuranose Binding; Intestinal Lactoferrin Receptor; Endothelial lectin HL-1; ITLN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of ITLN1. No significant cross-reactivity or interference between ITLN1 and analogues was observed.
Sequence Length	313
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	31pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ITLN1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ITLN1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ITLN1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ITLN1 in rat serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ITLN1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ITLN1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ITLN1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of ITLN1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	77917590
NCBI GeneID	498284
NCBI Accession #	NP_001030118.1
NCBI GenBank Nucleotide #	NM_001034946.1
UniProt Accession #	Q499T8
Molecular Weight	34,497 Da
NCBI Official Full Name	intelectin-1
NCBI Official Synonym Full Names	intelectin 1
NCBI Official Symbol	Itln1
NCBI Protein Information	intelectin-1
UniProt Protein Name	Intelectin 1 (Galactofuranose binding)
UniProt Gene Name	Itln1

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.