

Human inducible T-cell co-stimulator ligand ELISA Kit | ICOSLG elisa kit

Human ICOS ligand, ICOSLG ELISA Kit

CATALOG #
AAA112722

REACTIVITY
Human

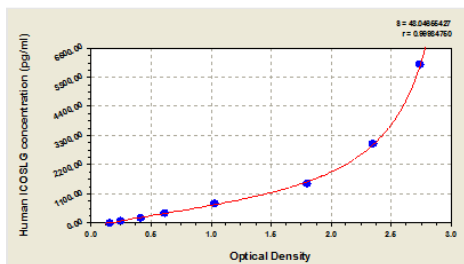
PRODUCT SYNONYMS

inducible T-cell co-stimulator ligand; Human ICOS ligand; ICOSLG ELISA Kit; Human ICOS ligand (ICOSLG) ELISA kit; B7-H2; B7H2; B7RP-1; B7RP1; CD275; GL50; ICOS-L; ICOSL; KIAA0653; LICOS; B7-like protein; transmembrane protein B7-H2 ICOS ligand; ICOSLG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ICOSLG. No significant cross-reactivity or interference between human ICOSLG and analogues was observed.
Sequence Length	309
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	93.75 pg/ml - 6000 pg/ml.
Sensitivity	The minimum detectable dose of human ICOSLG is typically less than 23.4 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ICOSLG elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ICOSLG has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ICOSLG present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ICOSLG is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ICOSLG bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	545688560
NCBI GeneID	23308
NCBI Accession #	NP_001269979.1
NCBI GenBank Nucleotide #	NM_001283050.1
UniProt Accession #	O75144; Q9HD18; Q9NRQ1; A8MUZ1
Molecular Weight	33,349 Da
NCBI Official Full Name	ICOS ligand isoform b
NCBI Official Synonym Full Names	inducible T-cell co-stimulator ligand
NCBI Official Symbol	ICOSLG
NCBI Official Synonym Symbols	B7H2; GL50; B7-H2; B7RP1; CD275; ICOSL; LICOS; B7RP-1; ICOS-L
NCBI Protein Information	ICOS ligand; B7 homolog 2; B7 homologue 2; B7-like protein GL50; B7-related protein 1; transmembrane protein B7-H2 ICOS ligand
UniProt Protein Name	ICOS ligand
UniProt Gene Name	ICOSLG
UniProt Synonym Gene Names	B7H2; B7RP1; ICOSL; KIAA0653; B7-H2; B7RP-1
UniProt Entry Name	ICOSL_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/icoslg-human-elisa-kits/inducible-t-cell-co-stimulator-ligand/112722>