

Human LAG3 ELISA Kit | LAG3 elisa kit

Human LAG3(Lymphocyte Activation Gene 3)ELISA Kit

CATALOG #
AAA165820

REACTIVITY
Human

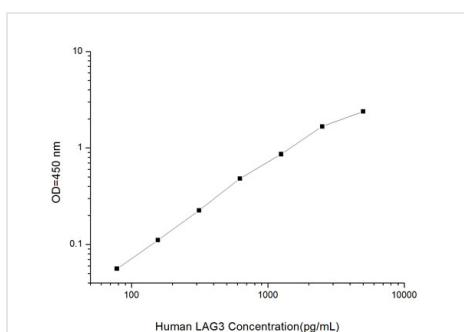
PRODUCT SYNONYMS

LAG3; Human LAG3(Lymphocyte Activation Gene 3)ELISA Kit; LAG3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human LAG3 in samples. No significant cross-reactivity or interference between Human LAG3 and analogues was observed.
Sequence Length	525
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	78.13-5000pg/mL
Sensitivity	46.88pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human LAG3 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human LAG3 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LAG3 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human LAG3. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human LAG3 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human LAG3, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Human LAG3. You can calculate the concentration of Human LAG3 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human LAG3 concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	167614500
NCBI GeneID	3902
NCBI Accession #	NP_002277.4
NCBI GenBank Nucleotide #	NM_002286.5
Molecular Weight	39,103 Da
NCBI Official Full Name	lymphocyte activation gene 3 protein
NCBI Official Synonym Full Names	lymphocyte-activation gene 3
NCBI Official Symbol	LAG3
NCBI Official Synonym Symbols	CD223
NCBI Protein Information	lymphocyte activation gene 3 protein
UniProt Protein Name	Lymphocyte activation gene 3 protein
UniProt Gene Name	LAG3
UniProt Synonym Gene Names	FDC; LAG-3
UniProt Entry Name	LAG3_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://www.aaabiotech.com/human-elisa-kits/lag3/165820>