ARG83012
Human CD223 / LAG3 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83012 Human CD223 / LAG3 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CD223 / LAG3 in serum, plasma (heparin), ascites, urine and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	Not cross-reacts with: Mouse EMMPRIN.
Target Name	CD223 / LAG3
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	0.078 ng/ml
Sample Type	Serum, plasma (heparin), ascites, urine and cell culture supernatants.
Standard Range	0.156-10 ng/ml
Sample Volume	100 µl
Alternate Names	CD antigen CD223; CD223; Protein FDC; Lymphocyte activation gene 3 protein; LAG-3

Application Instructions

Assay Time	~ 4 hours

Properties

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Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	LAG3
Gene Full Name	lymphocyte-activation gene 3
Background	Lymphocyte-activation protein 3 belongs to Ig superfamily and contains 4 extracellular Ig-like domains. The LAG3 gene contains 8 exons. The sequence data, exon/intron organization, and chromosomal localization all indicate a close relationship of LAG3 to CD4. [provided by RefSeq, Jul 2008]
Function	Involved in lymphocyte activation. Binds to HLA class-II antigens. [UniProt]
Highlight	Related products: CD223 antibodies; CD223 ELISA Kits; CD223 recombinant proteins;

New ELISA data calculation tool:
Simplify the ELISA analysis by GainData

| Cellular Localization | Membrane, Single-pass type I membrane protein. [UniProt] |

Images
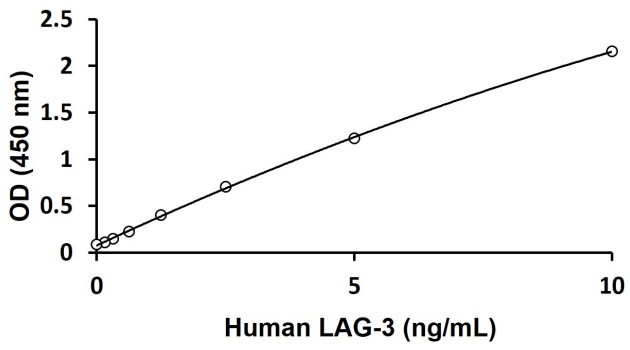
ARG83012 Human CD223 / LAG3 ELISA Kit standard curve image

ARG83012 Human CD223 / LAG3 ELISA Kit results of standard run with optical density reading at 450 nm