

ARG82322 Human Galectin 10 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG82322 Human Galectin 10 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Galectin 10 in serum, plasma and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	Not react with following recombinant Human proteins: ApoAI, BMP1, BMP2, BMP3, BMP4, BMP7, CRP, Galectin 1, Galectin 3, Galectin 7, Galectin 8, HGF, HSP27, IL1 alpha, IL1 RI, IL1 beta, IL1 RA, IL2, IL4, IL5, IL6, IL8, IL10, IL12, IL13, IL15, IL17C, IL21, IL23, IFN gamma, MMP2, sIL2R, sIL6R, PDGF, PLA2G7, prolactin, TGF beta 1, TGF beta 2, TGF beta 3, TLR1, TLR2, TLR3, TNF alpha, TNF RI, TNF RII, VEGF
Target Name	Galectin 10
Conjugation	HRP
Conjugation Note	Read at 450 nm.
Sensitivity	0.125 ng/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	0.25 - 16 ng/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 6% Inter-Assay CV: 9%
Alternate Names	LGALS10; LPPL_HUMAN; LGALS10A; Galectin-10; CLC; Charcot-Leyden crystal protein; GAL10; Lysolecithin acylhydrolase; Gal-10; Eosinophil lysophospholipase

Application Instructions

Assay Time	~ 3 hours
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Properties

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.

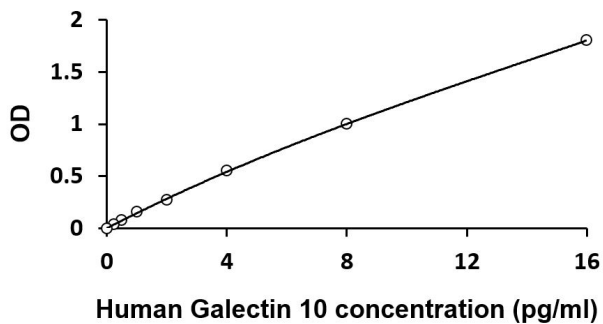
Bioinformation

Gene Symbol	CLC
Gene Full Name	Charcot-Leyden crystal galectin
Background	Lysophospholipases are enzymes that act on biological membranes to regulate the multifunctional

lysophospholipids. The protein encoded by this gene is a lysophospholipase expressed in eosinophils and basophils. It hydrolyzes lysophosphatidylcholine to glycerophosphocholine and a free fatty acid. This protein may possess carbohydrate or IgE-binding activities. It is both structurally and functionally related to the galectin family of beta-galactoside binding proteins. It may be associated with inflammation and some myeloid leukemias. [provided by RefSeq, Jul 2008]

Function	Regulates immune responses through the recognition of cell-surface glycans. Essential for the anergy and suppressive function of CD25-positive regulatory T-cells (Treg). [UniProt]
Highlight	Related products: Galectin antibodies ; Galectin ELISA Kits ; Galectin recombinant proteins ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Cellular Localization	Cytoplasm, cytosol. Cytoplasmic granule. Note=Localized in granules from where it may be secreted or transported to other locations in the cell. [UniProt]

Images



ARG82322 Human Galectin 10 ELISA Kit standard curve image

ARG82322 Human Galectin 10 ELISA Kit results of a typical standard run with optical density reading at 450 nm.