

ARG81534 Human Galectin 3BP ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81534-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81534-002	Standard	2 X 10 ng/vial	4°C
ARG81534-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81534-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81534-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81534-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81534-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81534-008	25X Wash buffer	20 ml	4°C
ARG81534-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81534-010	STOP solution	10 ml (Ready to use)	4°C
ARG81534-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81534 Human Galectin 3BP ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Galectin 3BP in serum, plasma (heparin) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	Galectin 3BP
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	78 pg/ml
Sample Type	Serum, plasma (heparin) and cell culture supernatants.
Standard Range	156 - 10000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 6.2% Inter-Assay CV: 7.0%
Alternate Names	M2BP; Mac-2 BP; Galectin-3-binding protein; Mac-2-binding protein; TANGO10B; Basement membrane autoantigen p105; MAC-2-BP; Tumor-associated antigen 90K; BTBD17B; MAC2BP; gp90; 90K; Lectin galactoside-binding soluble 3-binding protein; CyCAP

Application Instructions

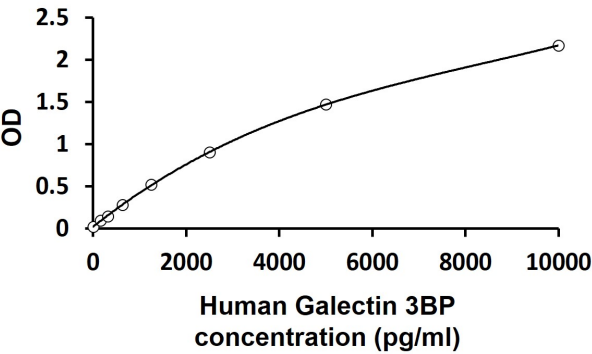
Assay Time	~ 5 hours
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Properties

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	LGALS3BP
Gene Full Name	lectin, galactoside-binding, soluble, 3 binding protein
Background	The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. LGALS3BP has been found elevated in the serum of patients with cancer and in those infected by the human immunodeficiency virus (HIV). It appears to be implicated in immune response associated with natural killer (NK) and lymphokine-activated killer (LAK) cell cytotoxicity. Using fluorescence in situ hybridization the full length 90K cDNA has been localized to chromosome 17q25. The native protein binds specifically to a human macrophage-associated lectin known as Mac-2 and also binds galectin 1. [provided by RefSeq, Jul 2008]
Function	Promotes integrin-mediated cell adhesion. May stimulate host defense against viruses and tumor cells. [UniProt]
Highlight	Related products: Galectin antibodies ; Galectin ELISA Kits ; Galectin recombinant proteins ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData



ARG81534 Human Galectin 3BP ELISA Kit standard curve image

ARG81534 Human Galectin 3BP ELISA Kit results of a typical standard run with optical density reading at 450 nm.