

## ARG82655 Human Galectin 4 ELISA Kit

Package: 96 wells  
Store at: 4°C

### Component

Cat. No.	Component Name	Package	Temp
ARG82655-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82655-002	Standard	2 X 10 ng/vial	4°C
ARG82655-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82655-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82655-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82655-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82655-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82655-008	25X Wash buffer	20 ml	4°C
ARG82655-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82655-010	STOP solution	10 ml (Ready to use)	4°C
ARG82655-011	Plate sealer	4 strips	Room temperature

### Summary

Product Description	ARG82655 Human Galectin 4 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Galectin 4 in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	Galectin 4
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15.6 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	31.2 - 2000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 6.9% Inter-Assay CV: 7.0%

Alternate Names GAL4; L36LBP; L-36 lactose-binding protein; Gal-4; Galectin-4; Lactose-binding lectin 4; Antigen NY-CO-27

## Application Instructions

Assay Time ~ 5 hours

## 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 LGALS4

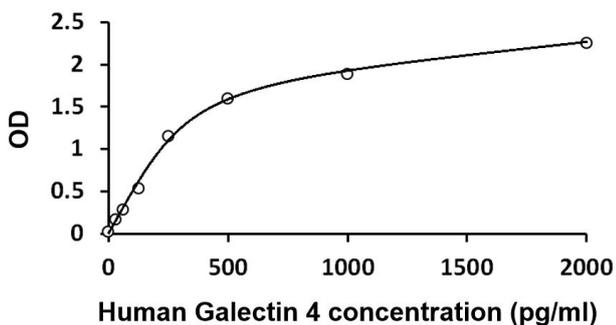
Gene Full Name lectin, galactoside-binding, soluble, 4

Background The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. The expression of this gene is restricted to small intestine, colon, and rectum, and it is underexpressed in colorectal cancer. [provided by RefSeq, Jul 2008]

Function Galectin that binds lactose and a related range of sugars. May be involved in the assembly of adherens junctions. [UniProt]

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## Images



ARG82655 Human Galectin 4 ELISA Kit standard curve image

ARG82655 Human Galectin 4 ELISA Kit results of a typical standard run with optical density reading at 450 nm.