

ARG83317 Human Galectin 8 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83317 Human Galectin 8 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Galectin 8 in Serum, Plasma and Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	Galectin 8
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	30 pg/ml
Detection Range	46.9 pg/ml - 3,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 3.7% Inter-Assay CV: 4.3%
Alternate Names	LGALS8; Galectin 8; PCTA-1; Lectin, Galactoside-Binding, Soluble, 8; Prostate Carcinoma Tumor Antigen 1 Po66 Carbohydrate-Binding Protein; Galectin-8; Po66-CBP; Gal-8

Application Instructions

Assay Time	~ 5 hours
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Properties

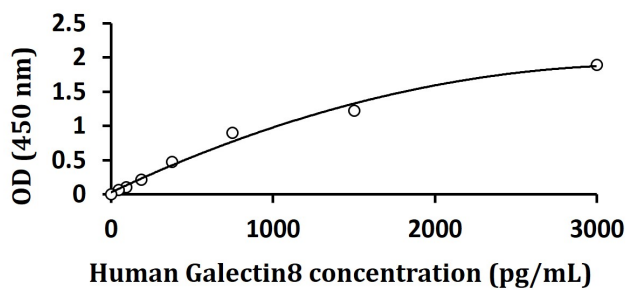
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory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

Bioinformation

Gene Symbol	LGALS8
Gene Full Name	Galectin 8
Background	This gene encodes a member of the galectin family. Galectins are beta-galactoside-binding animal lectins with conserved carbohydrate recognition domains. The galectins have been implicated in many essential functions including development, differentiation, cell-cell adhesion, cell-matrix interaction, growth regulation, apoptosis, and RNA splicing. This gene is widely expressed in tumoral tissues and seems to be involved in integrin-like cell interactions. Alternatively spliced transcript variants encoding different isoforms have been identified.

Function	Beta-galactoside-binding lectin that acts as a sensor of membrane damage caused by infection and restricts the proliferation of infecting pathogens by targeting them for autophagy.
Cellular Localization	Cytoplasm, Cytoplasmic vesicle

Images



ARG83317 Human Galectin 8 ELISA Kit standard curve image

ARG83317 Human Galectin 8 ELISA Kit results of a typical standard run with optical density reading at 450 nm.