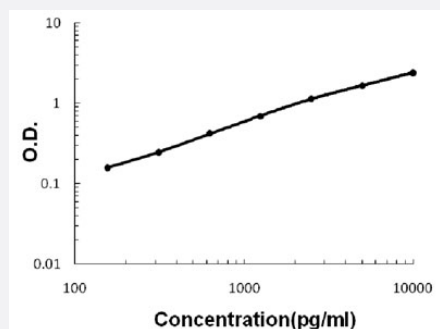


LGALS1 (Human) ELISA Kit

Catalog # KA5065 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	LGALS1 (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for quantitative detection of human Galectin-1 in cell culture supernates, cell lysates, serum and plasma (heparin, EDTA).
Suitable Sample	Cell culture supernates, cell lysates, serum and plasma (heparin, EDTA)
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	156 to 10000 pg/mL
Reactivity	Human
Regulatory Status	For research use only (RUO)
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

Applications

- Quantification

Gene Info — LGALS1

Entrez GeneID	3956
Gene Name	LGALS1
Gene Alias	DKFZp686E23103, GAL1, GBP
Gene Description	lectin, galactoside-binding, soluble, 1
Omim ID	150570
Gene Ontology	Hyperlink
Gene Summary	The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. This gene product may act as an autocrine negative growth factor that regulates cell proliferation. [provided by RefSeq]
Other Designations	OTTHUMP00000028982 S-Lac lectin 1 beta-galactoside-binding lectin L-14- lgalaptin galectin 1 galectin-1 lactose-binding lectin 1

Publication Reference

- [Extracellular Matrix Injury of Kidney Allografts in Antibody-Mediated Rejection: A Proteomics Study.](#)

Sergi Clotet-Freixas, Caitriona M McEvoy, Ilhor Batruch, Chiara Pastrello, Max Kotlyar, Julie Anh Dung Van, Madhurangi Arambewela, Alex Boshart, Sofia Farkona, Yun Niu, Yanhong Li, Olusegun Famure, Andrea Bozovic, Vathany Kulasingam, Peixuen Chen, S Joseph Kim, Emilie Chan, Sajad Moshkelgosha, Syed Ashiqur Rahman, Jishnu Das, Tereza Martinu, Stephen Juvet, Igor Jurisica, Andrzej Chruscinski, Rohan John, Ana Konvalinka.

Journal of the American Society of Nephrology 2020 Nov; 31(11):2705.

Application: Quant, Human, Human glomerular microvascular endothelial cells

Disease

- [Cardiovascular Diseases](#)
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