

## ARG82045 Human Galectin 7 ELISA Kit

Package: 96 wells  
Store at: 4°C

### Summary

Product Description	Human Galectin 7 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Galectin 7 in serum, plasma and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	Galectin 7
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	78 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	156 - 10000 pg/ml
Sample Volume	100 µl
Alternate Names	GAL7; Gal-7; HKL-14; LGALS7A; Galectin-7; p53-induced gene 1 protein; PI7

### Application Instructions

Assay Time	4.5 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	LGALS7
Gene Full Name	lectin, galactoside-binding, soluble, 7
Background	The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. Differential and in situ hybridization studies indicate that this lectin is specifically expressed in keratinocytes and found mainly in stratified squamous epithelium. A duplicate copy of this gene (GeneID:653499) is found adjacent to, but on the opposite strand on chromosome 19. [provided by RefSeq, Jul 2008]
Function	Could be involved in cell-cell and/or cell-matrix interactions necessary for normal growth control. Pro-apoptotic protein that functions intracellularly upstream of JNK activation and cytochrome c release. [UniProt]

## Highlight

Related products:

[Galectin antibodies](#); [Galectin ELISA Kits](#); [Galectin recombinant proteins](#);

New ELISA data calculation tool:

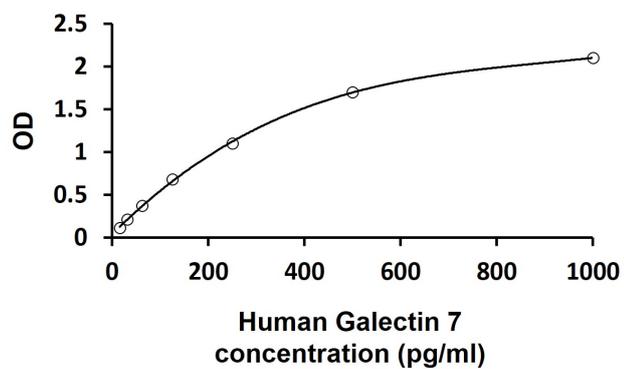
[Simplify the ELISA analysis by GainData](#)

## Cellular Localization

Cytoplasm. Nucleus. Secreted. Note=May be secreted by a non-classical secretory pathway. [UniProt]

## Images

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ARG82045 Human Galectin 7 ELISA Kit standard curve image

ARG82045 Human Galectin 7 ELISA Kit results of a typical standard run with optical density reading at 450 nm.