

Product datasheet for **EA200019**

Human Galectin 3 (LGALS3) ELISA Kit 1 x 96

Product data:

Product Type:	ELISA Kits
Description:	Human Galectin-3 ELISA Kit for the detection of Human Galectin-3 in serum, plasma, and other biological fluids.
Size:	1 x 96 wells
Format:	8x12 divisible strips
Assay Type:	Sandwich ELISA kit of Quantitative Detection for Human Galectin-3
Assay Length:	4.5 hours incubations; 0.5 hour washing and analyzing samples
Signal:	Colorimetric
Curve Range:	78pg/ml-5000pg/ml
Sample Type:	Human serum, plasma and other biological fluids.
Sample Volume:	100µl
Specificity:	This kit is used for quantitative detection of Human Galectin-3
Sensitivity:	15.9pg/ml
Reactivity:	Human
Cross Reactivity:	There is no detectable cross-reactivity with other relevant proteins.
Interference:	No significant interference observed with available related molecules.
Components:	<ul style="list-style-type: none">● Galectin-3 Antibody Coated 96-well Plate in foil pouch with desiccant 1 plate● Recombinant Human Galectin-3 Standard (250ng/ml) 0.1 mL● 100x Biotin conjugated SAA1 Detection Antibody 0.12 mL● 100x Streptavidin-HRP 0.12 mL● Assay Buffer 30 mL● Standard Diluent 10 mL● Sample Diluent 20 mL● Wash Buffer Concentrate 20X 60 mL● TMB Substrate 12 mL● Stop Solution 12 mL● Plate Sealer 3 pieces



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Background:

Galectin-3 is a protein encoded by the LGALS3 gene (in human). It is a member of the lectin family and has an affinity for beta-galactosides. Galectin-3 is involved in many biological processes such as cell adhesion, cell activation and chemoattraction, cell growth and differentiation, cell cycle, and apoptosis. It has been demonstrated galectin-3 involves in cancer, inflammation and fibrosis, heart disease, and stroke. Galectin-3 is upregulated in cases of liver fibrosis, renal fibrosis, and idiopathic pulmonary fibrosis, and elevated levels of galectin-3 are significantly associated with higher risk of death in both acute decompensated heart failure and chronic heart failure populations. In addition, galectin-3 is increasingly being used as a diagnostic marker for different cancers. It also can be used as a prognostic factor to predict the progression of the cancer.

Gene Symbol:

LGALS3

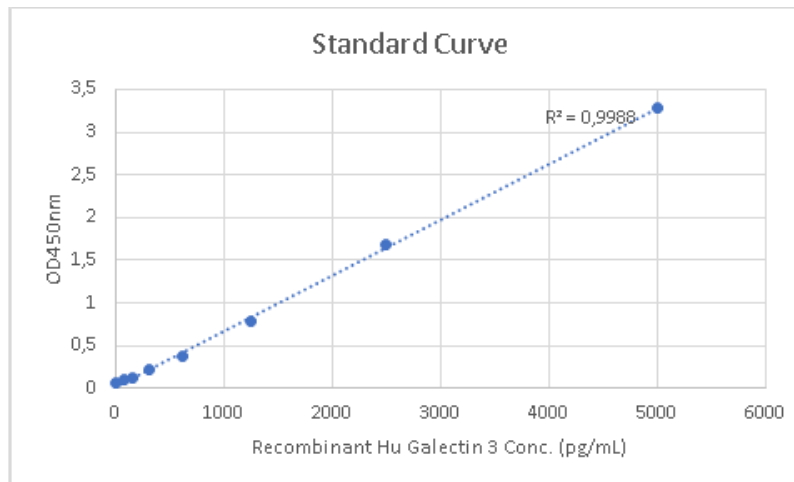
Gene ID:

3958

Standard Curve:

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Galectin 3 (LGALS3) ELISA Kit data image.

Product images:

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