

Product Datasheet

Human Galectin-3 ELISA Kit (Colorimetric) NBP1-91275

Unit Size: 96 Tests

Storage of components varies. See protocol for specific instructions.

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technical@novusbio.com

Publications: 2

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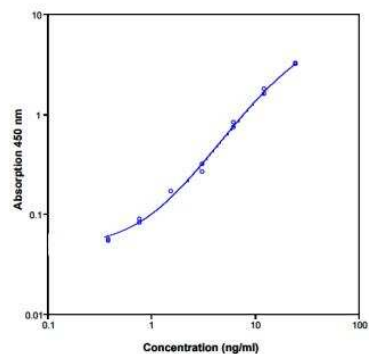


NBP1-91275**Human Galectin-3 ELISA Kit (Colorimetric)**

Product Information	
Unit Size	96 Tests
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Buffer	
Product Description	
Description	The human Galectin-3 ELISA is an enzyme-linked immunosorbent assay for the quantitative detection of human Galectin-3
Gene ID	3958
Gene Symbol	LGALS3
Species	Human
Specificity/Sensitivity	The assay detects both natural and recombinant Galectin-3. The crossreactivity and interference of circulating factors of the immune system was evaluated by spiking these proteins at physiologically relevant concentrations into a Galectin-3 positive sample. No cross-reactivity or interference was detected.
Kit Components	Aluminium pouch(es) with a Microwell Plate coated with monoclonal antibody to human Galectin-3, HRP-Conjugate anti-human Galectin-3 monoclonal antibody, Human Galectin-3 Standard lyophilized, 60 ng/ml upon reconstitution, Sample Diluent, Assay Buffer Concentrate 20x (PBS with 1% Tween 20 and 10% BSA), Wash Buffer Concentrate 20x (PBS with 1% Tween 20), Substrate Solution (tetramethyl-benzidine), Stop Solution (1M Phosphoric acid), Adhesive Films
Standard Curve Range	0.39 - 25.0 ng/mL
Sensitivity	0.12 ng/mL
Inter Assay	CV% < 5.40%
Intra Assay	CV% < 7.50%
Assay Type	Sandwich ELISA
Spiking Recovery	Please See Protocol for Specific Spike Recovery Details
Suitable Sample Type	Cell culture supernatant, serum, plasma (EDTA), buffered solution
Sample Volume	50 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

Images

ELISA: Galectin-3 ELISA Kit [NBP1-91275] - Standard curve



Publications

Lala RI, Lungeanu D, Darabantiu D et al. Galectin-3 as a marker for clinical prognosis and cardiac remodeling in acute heart failure. *Herz*. 2017-02-24 [PMID: 28235980]

Lala RI, Darabantiu D, Pilat L et al. Galectin-3: A Link between Myocardial and Arterial Stiffening in Patients with Acute Decompensated Heart Failure. *Arq. Bras. Cardiol*. 2016-01-12 [PMID: 26760784] (ELISA, Human)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-91275

NBP2-34881-10ug	Recombinant Human Galectin-3 Protein
210-TA-005	TNF-alpha [Unconjugated]
AF1197	Galectin-3 Antibody [Unconjugated]
6507-IL-010/CF	IL-4 [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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