

Product Datasheet

Rat Lipocalin-2/NGAL ELISA Kit (Colorimetric) KA0560

Unit Size: 1 Kit

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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KA0560**Rat Lipocalin-2/NGAL ELISA Kit (Colorimetric)**

Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

Product Description	
Description	Quality control test: Standard curve. Lcn2 (Rat) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of rat Lcn2.
Gene ID	3934
Gene Symbol	LCN2
Species	Rat
Kit Components	96-well plate precoated with anti- rat NGAL antibody, Lyophilized recombinant rat NGAL standard, Biotinylated anti- rat NGAL antibody, dilution 1:100, Avidin-Biotin-Peroxidase Complex (ABC), dilution 1:100, Avidin-Biotin-Peroxidase Complex (ABC), dilution 1:100 130 µL Sample diluent buffer, Antibody diluent buffer, ABC diluent buffer, TMB color developing agent, TMB stop solution
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	78 to 5000 pg/mL
Sensitivity	<10 pg/mL
Assay Type	Sandwich ELISA
Suitable Sample Type	Cell Culture Supernatant, Plasma (heparin), Serum, Urine
Sample Volume	100 uL

Product Application Details	
Applications	ELISA, Quantification
Recommended Dilutions	ELISA, Quantification

Publications

Cowland JB, Borregaard N. Molecular characterization and pattern of tissue expression of the gene for neutrophil gelatinase-associated lipocalin from humans. *Genomics*. 1997-10-01 [PMID: 9339356]

Goetz DH, Holmes MA, Borregaard N et al. The neutrophil lipocalin NGAL is a bacteriostatic agent that interferes with siderophore-mediated iron acquisition. *Mol Cell*. 2002-11-01 [PMID: 12453412]

Bi F, Huang C, Tong J et al. Reactive astrocytes secrete lcn2 to promote neuron death. *Proc Natl Acad Sci U S A*. 2013-02-19 [PMID: 23431168]





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

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DY1857-05	Lipocalin-2/NGAL [Biotin]
M6000B-1	IL-6 [HRP]

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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