

# Product Datasheet

## Mouse Lipocalin-2/NGAL ELISA Kit (Colorimetric) KA0559

Unit Size: 1 Kit

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

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**KA0559****Mouse Lipocalin-2/NGAL ELISA Kit (Colorimetric)****Product Information**

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

**Product Description**

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

**Product Application Details**

<b>Applications</b>	ELISA, Quantification
<b>Recommended Dilutions</b>	ELISA, Quantification
<b>Application Notes</b>	Useful for quantification.

**Publications**

Cowland JB, Borregaard N. Molecular characterization and pattern of tissue expression of the gene for neutrophil gelatinase-associated lipocalin from humans. <i>Genomics</i> . 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. <i>Mol Cell</i> . 2002-11-01 [PMID: 12453412]



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## 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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