

Rat Neutrophil gelatinase-associated lipocalin ELISA Kit | Lcn2 elisa kit

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CATALOG #
AAA193568

REACTIVITY
Rat

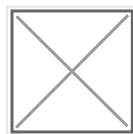
PRODUCT SYNONYMS

Neutrophil gelatinase-associated lipocalin; Rat Neutrophil gelatinase-associated lipocalin ELISA Kit; NGAL; Alpha-2-microglobulin-related protein; Alpha-2U globulin-related protein; Lipocalin-2; p25; Lcn2; Lcn2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat Neutrophil gelatinase-associated lipocalin
Sequence Length	198
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.78-50 ng/mL
Sensitivity	<0.46 ng/mL
Intra-assay Precision	Intra-Assay CV: <=5.2%
Inter-assay Precision	Inter-Assay CV: <=7.1%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Lcn2 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

[18543345](#)

NCBI GeneID	170496
NCBI Accession #	NP_570097.1
NCBI GenBank Nucleotide #	NM_130741.1
UniProt Accession #	P30152 ; Q5HZF1
Molecular Weight	22,476 Da
NCBI Official Full Name	neutrophil gelatinase-associated lipocalin
NCBI Official Synonym Full Names	lipocalin 2
NCBI Official Symbol	Lcn2
NCBI Official Synonym Symbols	Sip24
NCBI Protein Information	neutrophil gelatinase-associated lipocalin
UniProt Protein Name	Neutrophil gelatinase-associated lipocalin
UniProt Gene Name	Lcn2
UniProt Synonym Gene Names	NGAL
UniProt Entry Name	NGAL_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/lcn2-rat-elisa-kits/neutrophil-gelatinase-associated-lipocalin/193568>