

Human lipocalin 2, LCN2 ELISA Kit | LCN2 elisa kit

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CATALOG #
AAA42175

REACTIVITY
Human

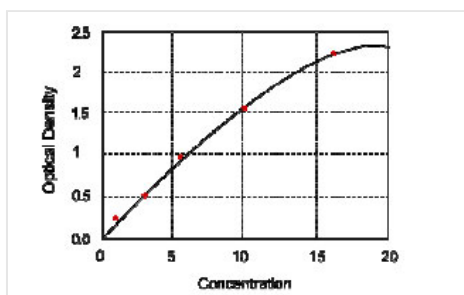
PRODUCT SYNONYMS

lipocalin 2; LCN2; Human lipocalin 2; LCN2 ELISA Kit; LCN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	198
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	20-6000ng/L
Sensitivity	10.12ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LCN2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human lipocalin 2 (also known as LCN2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human LCN2 antibody. LCN2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human LCN2 Antibody is added and binds to LCN2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated LCN2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human LCN2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21619839
NCBI GeneID	3934
Molecular Weight	22,457 Da
NCBI Official Full Name	Lipocalin 2
NCBI Official Synonym Full Names	lipocalin 2
NCBI Official Symbol	LCN2
NCBI Official Synonym Symbols	p25; 24p3; MSFI; NGAL
NCBI Protein Information	neutrophil gelatinase-associated lipocalin
UniProt Protein Name	Neutrophil gelatinase-associated lipocalin
UniProt Gene Name	LCN2
UniProt Synonym Gene Names	HNL; NGAL; NGAL

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/human-elisa-kits/lipocalin-2-lcn2/42175>