

Monkey LCN2 ELISA Kit | LCN2 elisa kit

Monkey LCN2 (Lipocalin 2) ELISA Kit

CATALOG #
AAA163796

REACTIVITY
Monkey

PRODUCT SYNONYMS

LCN2; Monkey LCN2 (Lipocalin 2) ELISA Kit; LCN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This kit recognizes Monkey LCN2 in samples. No significant cross-reactivity or interference between Monkey LCN2 and analogues was observed.
Sequence Length	198
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.31-20ng/mL
Sensitivity	0.19ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Monkey LCN2 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Monkey LCN2 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for LCN2 elisa kit

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Monkey LCN2 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Monkey LCN2. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Monkey LCN2 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Monkey LCN2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Monkey LCN2. You can calculate the concentration of Monkey LCN2 in the samples by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	49457137
NCBI GeneID	3934
UniProt Accession #	P80188 ; P30150 ; Q5SYV9 ; Q5SYW0 ; Q6FGL5 ; Q92683 ; A6NII8 ; B4DWV4 ; B7ZAA2

Molecular Weight	22,457 Da
NCBI Official Full Name	LCN2, partial
NCBI Official Synonym Full Names	lipocalin 2
NCBI Official Symbol	LCN2
NCBI Official Synonym Symbols	24p3; MSFI; NGAL
NCBI Protein Information	neutrophil gelatinase-associated lipocalin; 25 kDa alpha-2-microglobulin-related subunit of MMP-9; lipocalin-2; migration-stimulating factor inhibitor; oncogene 24p3; p25; siderocalin LCN2
UniProt Protein Name	Neutrophil gelatinase-associated lipocalin
UniProt Gene Name	LCN2
UniProt Synonym Gene Names	HNL; NGAL; NGAL
UniProt Entry Name	NGAL_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/monkey-elisa-kits/lcn2/163796>