

Mouse Leukosialin ELISA Kit | Spn elisa kit

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CATALOG #
AAA98554

REACTIVITY
Mouse

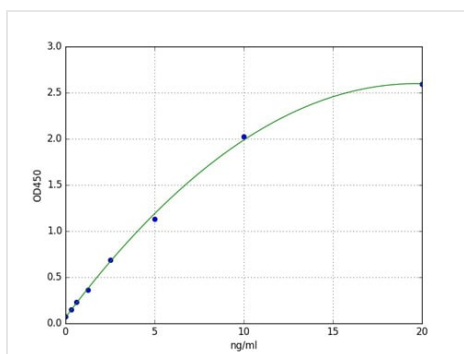
PRODUCT SYNONYMS

Leukosialin; Mouse Leukosialin ELISA Kit; Spn/CD43/GPL115/Leukosialin/LSN/Ly-48/Sialophorin/SPN/CD43 antigen/CD43)/Galactoglycoprotein/GALGP/Leukocyte sialoglycoprotein/sialophorin/Sialophorin/sialophorin (gpL115; leukosialin; CD43); Spn elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	400
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse Spn ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.138	0.236	0.222	0.306	0.449	0.986	1.635	2.433

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Spn elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse Spn antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Spn antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse Spn amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Spn can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	71979937
NCBI GeneID	6693
NCBI Accession #	NP_001025459.1
NCBI GenBank Nucleotide #	NM_001030288.2
Molecular Weight	40,322 Da
NCBI Official Full Name	leukosialin
NCBI Official Synonym Full Names	sialophorin
NCBI Official Symbol	SPN
NCBI Official Synonym Symbols	LSN; CD43; GALGP; GPL115
NCBI Protein Information	leukosialin
UniProt Protein Name	Leukosialin
UniProt Gene Name	SPN
UniProt Synonym Gene Names	CD43; GALGP
UniProt Entry Name	LEUK_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.

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Online datasheet: <https://stage.aaabiotech.com/spn-mouse-elisa-kits/leukosialin/98554>