

Human Epiphycan ELISA Kit | EPYC elisa kit

Human Epiphycan ELISA Kit

CATALOG #
AAA98188

REACTIVITY
Human

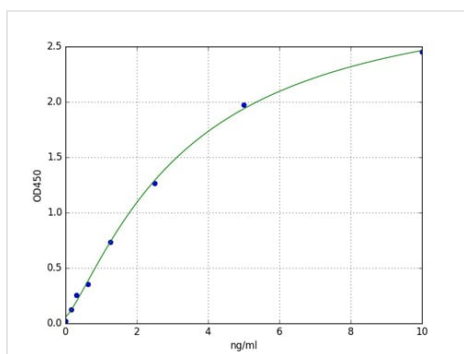
PRODUCT SYNONYMS

Epiphycan; Human Epiphycan ELISA Kit; EPYC/PG-Lb/SLRR3B/Dermatan sulfate proteoglycan 3dermatan sulphate proteoglycan 3/DSFG3proteoglycan-lb/epiphycan/PGLB/Pg-Lb/PG-Lb/Proteoglycan-Lb/SLRR3Bepiphycan proteoglycan/Small chondroitin/dermatan sulfate proteoglycan; EPYC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	322
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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



Typical Data & Standard Curve

Results of a typical standard run of a Human EPYC 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	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.004	0.117	0.227	0.370	0.773	1.083	1.705	2.131

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EPYC elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human EPYC antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human EPYC 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 Human EPYC amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human EPYC can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	68800360
NCBI GeneID	1833
NCBI Accession #	NP_004941.2
NCBI GenBank Nucleotide #	NM_004950.4
Molecular Weight	36,637 Da
NCBI Official Full Name	epiphycan
NCBI Official Synonym Full Names	epiphycan
NCBI Official Symbol	EPYC
NCBI Official Synonym Symbols	PGLB; DSPG3; Pg-Lb; SLRR3B
NCBI Protein Information	epiphycan
UniProt Protein Name	Epiphycan
UniProt Gene Name	EPYC
UniProt Synonym Gene Names	DSPG3; PGLB; SLRR3B; PG-Lb
UniProt Entry Name	EPYC_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/epyc-human-elisa-kits/epiphycan/98188>