

Human EPYC ELISA Kit | EPYC elisa kit

Human EPYC (Epiphycan) ELISA Kit

CATALOG #
AAA165271

REACTIVITY
Human

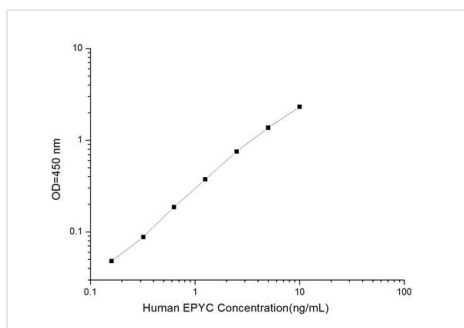
PRODUCT SYNONYMS

EPYC; Human EPYC (Epiphycan) ELISA Kit; EPYC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human EPYC. No significant cross-reactivity or interference between Human EPYC and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human EPYC and all the analogues, therefore, cross reaction may still exist.
Sequence Length	322
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EPYC elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of EPYC in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human EPYC. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human EPYC and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human EPYC, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid 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 Human EPYC. You can calculate the concentration of Human EPYC in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	68800360
NCBI GeneID	1833
NCBI Accession #	NP_004941.2
NCBI GenBank Nucleotide #	NM_004950.4
UniProt Accession #	Q99645; Q8NEJ5; A8K3M7
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; dermatan sulfate proteoglycan 3; epiphycan proteoglycan; proteoglycan-lb; small chondroitin/dermatan sulfate proteoglycan
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/human-elisa-kits/epyc/165271>