

Human Zyxin ELISA Kit | ZYX elisa kit

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CATALOG #
AAA244677

REACTIVITY
Human

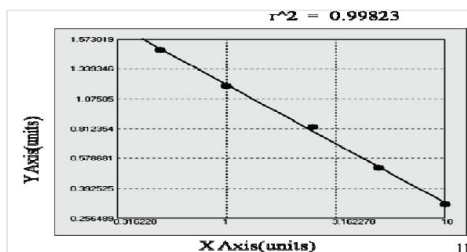
PRODUCT SYNONYMS

Zyxin; Human Zyxin ELISA Kit; ZYX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This ZYX ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ZYX. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ZYX elisa kit

Principle of the assay: ZYX ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ZYX antibody and an ZYX-HRP conjugate. The assay sample and buffer are incubated together with ZYX-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ZYX concentration since ZYX from samples and ZYX-HRP conjugate compete for the anti-ZYX antibody binding site. Since the number of sites is limited, as more sites are occupied by ZYX from the sample, fewer sites are left to bind ZYX-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ZYX concentration in each sample is interpolated from this standard curve.

Product Categories/Family for ZYX elisa kit

Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	58530845
NCBI GeneID	7791
NCBI Accession #	NP_001010972.1
NCBI GenBank Nucleotide #	NM_001010972.1
Molecular Weight	61,277 Da
NCBI Official Full Name	zyxin
NCBI Official Synonym Full Names	zyxin
NCBI Official Symbol	ZYX
NCBI Official Synonym Symbols	ESP-2; HED-2
NCBI Protein Information	zyxin; zyxin-2
UniProt Protein Name	Zyxin
UniProt Gene Name	ZYX
UniProt Entry Name	ZYX_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://stage.aaabiotech.com/zyx-human-elisa-kits/zyxin/244677>