

Human Paxillin (PXN) ELISA Kit | PXN elisa kit

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CATALOG #
AAA331210

REACTIVITY
Human

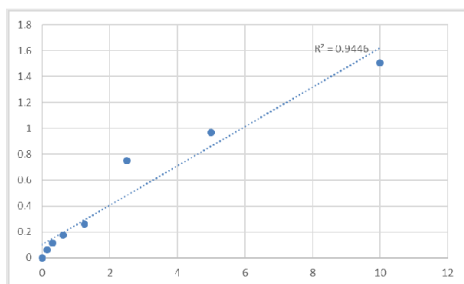
PRODUCT SYNONYMS

Paxillin (PXN); Human Paxillin (PXN) ELISA Kit; PXN; hCG_1778014; FLJ16691; PXN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Paxillin (PXN) ELISA Kit has high sensitivity and excellent specificity for detection of Human PXN. No significant cross-reactivity or interference between Human PXN and analogues was observed.
Sequence Length	591
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Paxillin (PXN) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PXN elisa kit	Description: This Human Paxillin (PXN) ELISA Kit employs a two-site sandwich ELISA to quantitate PXN in samples. An antibody specific for PXN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PXN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PXN is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PXN bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Paxillin is a signal transduction adaptor protein and should not be confused with the neurotoxin paxilline. Glenney and Zokas (1989) used an antiphosphotyrosine antibody to identify proteins that are phosphorylated in Rous sarcoma virus-transformed chick embryo fibroblasts, and found a 76-kD protein that localizes to focal adhesions at the ends of actin-containing stress fibers in nontransformed cells. Turner et al. (1990) purified this protein from chicken gizzard smooth muscle, and named it paxillin ('paxillus' means 'small stake' or 'peg' in Latin) as a protein tethered to the membrane at focal adhesions. Paxillin migrates as a diffuse 65- to 70-kD band on SDS-PAGE. Salgia et al. (1995) stated that transmembrane integrin molecules connect the actin cytoskeleton to the extracellular matrix within focal adhesions.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	170932514
NCBI GeneID	5829
NCBI Accession #	NP_001074324.1
NCBI GenBank Nucleotide #	NP_001074324.1
UniProt Accession #	P49023
NCBI Official Full Name	paxillin isoform 2
NCBI Official Synonym Full Names	paxillin
NCBI Official Symbol	PXN
NCBI Protein Information	paxillin
UniProt Protein Name	Paxillin
UniProt Gene Name	PXN
UniProt Entry Name	PAXI_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.