

Human Paxillin ELISA Kit | Pax elisa kit

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CATALOG #
AAA83754

REACTIVITY
Human

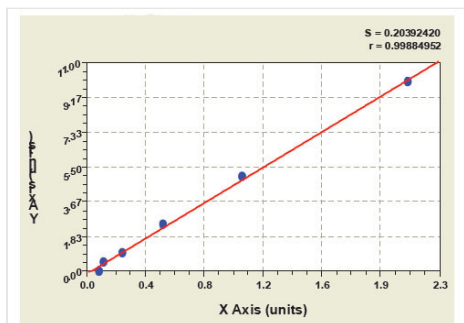
PRODUCT SYNONYMS

Paxillin; Human Paxillin ELISA Kit; Pax elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This Pax ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human Pax. 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 Pax elisa kit

Principle of the Assay: Pax ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for Pax. Standards or samples are then added to the microtiter plate wells and Pax if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of Pax present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for Pax are added to each well to "sandwich" the Pax immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain Pax and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Pax concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	58865866
NCBI GeneID	360820
NCBI Accession #	NP_001012147.1
NCBI GenBank Nucleotide #	NM_001012147.1
Molecular Weight	64,019 Da
NCBI Official Full Name	paxillin
NCBI Official Synonym Full Names	paxillin
NCBI Official Symbol	Pxn
NCBI Protein Information	paxillin; myocardial ischemic preconditioning associated protein 7
UniProt Protein Name	Paxillin
UniProt Gene Name	Pxn
UniProt Entry Name	PAXI_RAT

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/pax-human-elisa-kits/paxillin/83754>