

Human P27 Protein ELISA Kit | P27 protein elisa kit

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CATALOG #
AAA83242

REACTIVITY
Human

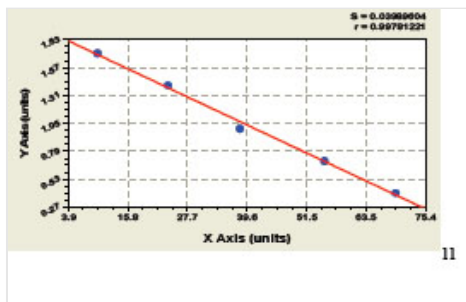
PRODUCT SYNONYMS

P27 Protein; Human P27 Protein ELISA Kit; P27 protein elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This P27 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human P27. 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 P27 protein elisa kit

Principle of the assay: P27 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-P27 antibody and an P27-HRP conjugate. The assay sample and buffer are incubated together with P27-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 P27 concentration since P27 from samples and P27-HRP conjugate compete for the anti-P27 antibody binding site. Since the number of sites is limited, as more sites are occupied by P27 from the sample, fewer sites are left to bind P27-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The P27 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	39163633
NCBI GeneID	2658937
NCBI Accession #	NP_945124.1
NCBI GenBank Nucleotide #	NC_005286.1
Molecular Weight	27,305 Da
NCBI Official Full Name	p27 protein
NCBI Official Symbol	p27
NCBI Protein Information	p27 protein
UniProt Protein Name	p27 protein
UniProt Gene Name	p27
UniProt Entry Name	Q70WU0_9TOMB

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/p27-protein/83242>