

Monkey Retinoblastoma tumor suppressor protein ELISA Kit | PRB elisa kit

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CATALOG # AAA94319	REACTIVITY Monkey
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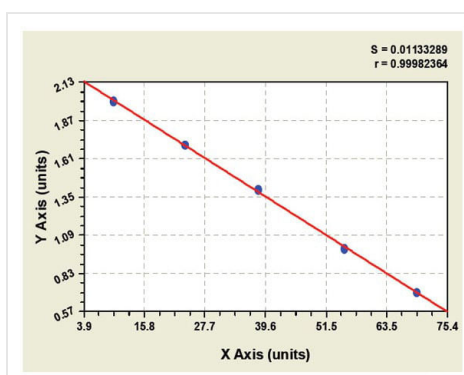
PRODUCT SYNONYMS

Retinoblastoma tumor suppressor protein; Monkey Retinoblastoma tumor suppressor protein ELISA Kit; PRB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This PRB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey PRB. 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 PRB elisa kit

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

Product Categories/Family for PRB elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	46095209
Molecular Weight	103,529 Da
NCBI Official Full Name	retinoblastoma tumor suppressor
UniProt Protein Name	Retinoblastoma tumor suppressor
UniProt Gene Name	RB1
UniProt Entry Name	Q5J3Q9_FUNHE

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/prb-monkey-elisa-kits/retinoblastoma-tumor-suppressor-protein/94319>