

Rat Phosphorylated protein kinase B ELISA Kit | PAKT elisa kit

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CATALOG #
AAA247243

REACTIVITY
Rat

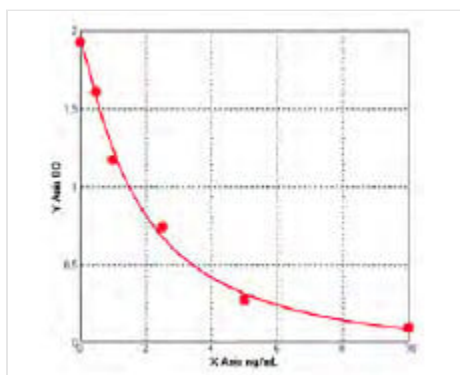
PRODUCT SYNONYMS

Phosphorylated protein kinase B; Rat Phosphorylated protein kinase B ELISA Kit; PAKT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 mg/L.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PAKT elisa kit

Intended Uses: This PPH-IgM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of MousePPH-IgM. This ELISA kit for research use only!

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

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.

