

Rat Vitamin B6 ELISA Kit | VB6 elisa kit

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CATALOG #
AAA85065

REACTIVITY
Rat

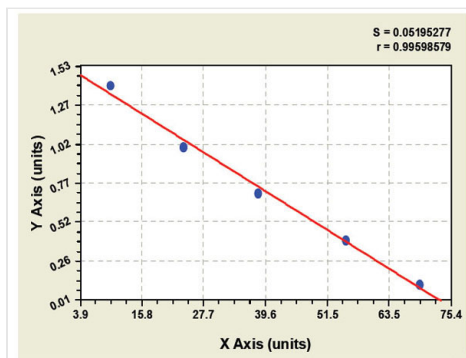
PRODUCT SYNONYMS

Vitamin B6; Rat Vitamin B6 ELISA Kit; VB6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25 nmol/L
Sensitivity	0.1nmol/L
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VB6 elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This VB6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat VB6 . This ELISA kit for research use only! PRINCIPLE OF THE ASSAY VB6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-VB6 antibody and an VB6 -HRP conjugate. The assay sample and buffer are incubated together with VB6 -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 VB6 concentration since VB6 from samples and VB6 -HRP conjugate compete for the anti-VB6 antibody binding site. Since the number of sites is limited, as more sites are occupied by VB6 from the sample, fewer sites are left to bind VB6 -HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The VB6 concentration in each sample is interpolated from this standard curve.
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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/vb6-rat-elisa-kits/vitamin-b6/85065>