

Rabbit Vitamin B12 (VB12) ELISA Kit | VB12 elisa kit

Rabbit Vitamin B12 Elisa kit (VB12)

CATALOG #
AAA87970

REACTIVITY
Rabbit

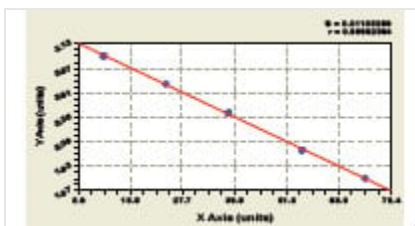
PRODUCT SYNONYMS

Vitamin B12 (VB12); Rabbit Vitamin B12 Elisa kit (VB12); VB12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pmol/L.
Intended Uses	This VB12 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit VB12. 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 VB12 elisa kit

Principle of the assay: VB12 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-VB12 antibody and an VB12-HRP conjugate. The assay sample and buffer are incubated together with VB12-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 VB12 concentration since VB12 from samples and VB12-HRP conjugate compete for the anti-VB12 antibody binding site. Since the number of sites is limited, as more sites are occupied by VB12 from the sample, fewer sites are left to bind VB12-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The VB12 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for VB12 elisa kit

[Rabbit ELISA Kit](#)

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.

