

Chicken Vitamin B12 ELISA Kit | VB12 elisa kit

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CATALOG #
AAA91101

REACTIVITY
Chicken

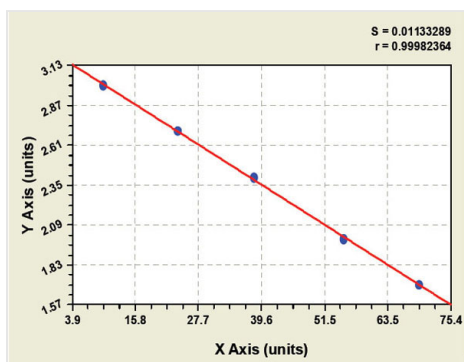
PRODUCT SYNONYMS

Vitamin B12; Chicken Vitamin B12 ELISA Kit; VB12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
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 Chicken 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

Metabolism

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/vb12-chicken-elisa-kits/vitamin-b12/91101>