

Goat Vitamin B1 ELISA Kit | VB1 elisa kit

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CATALOG #
AAA95997

REACTIVITY
Goat

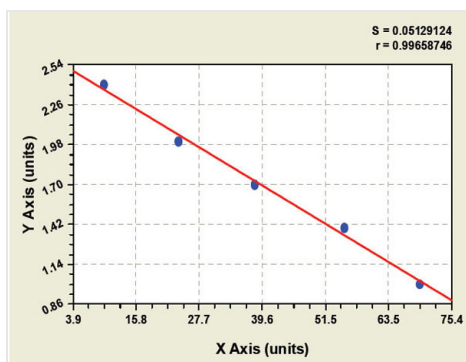
PRODUCT SYNONYMS

Vitamin B1; Goat Vitamin B1 ELISA Kit; VB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This VB1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat VB1. 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 VB1 elisa kit

Principle of the assay: VB1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-VB1 antibody and an VB1-HRP conjugate. The assay sample and buffer are incubated together with VB1-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 VB1 concentration since VB1 from samples and VB1-HRP conjugate compete for the anti-VB1 antibody binding site. Since the number of sites is limited, as more sites are occupied by VB1 from the sample, fewer sites are left to bind VB1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The VB1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for VB1 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/vb1-goat-elisa-kits/vitamin-b1/95997>