

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

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CATALOG #
AAA53140

REACTIVITY
Human

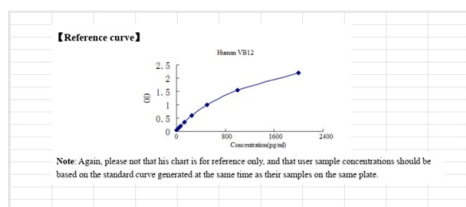
PRODUCT SYNONYMS

Vitamin B12 (VB12); Human Vitamin B12 (VB12) ELISA Kit; VB12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	344
Assay Type	Sandwich
Detection Range	2000 pg/mL-31.2 pg/mL
Sensitivity	Up to 12 pg/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
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: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human VB12 monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	332666242
NCBI GeneID	10588500
NCBI Accession #	YP_004449030.1

NCBI GenBank Nucleotide #	NC_015510.1
Molecular Weight	38,688 Da
NCBI Official Full Name	vitamin-B12 independent methionine synthase
NCBI Official Symbol	Halhy_4313
NCBI Protein Information	vitamin-B12 independent methionine synthase
UniProt Protein Name	Methionine synthase vitamin-B12 independent
UniProt Entry Name	F4KPQ7_HALH1

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/human-elisa-kits/vitamin-b12-vb12/53140>