

Human Vitamin D Binding Protein (DBP) ELISA Kit | DBP elisa kit

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CATALOG #
AAA179938

REACTIVITY
Human

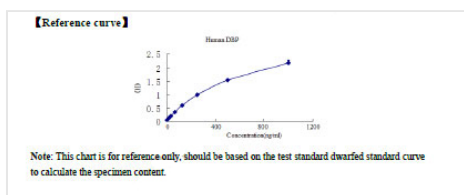
PRODUCT SYNONYMS

Vitamin D Binding Protein (DBP); Human Vitamin D Binding Protein (DBP) ELISA Kit; DBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Sequence Length	493
Samples	Human serum, plasma or cell culture supernatant and organizations in the natural and recombinant DBP concentration.
Assay Type	Sandwich
Detection Range	1000 ng/ml-15.6 ng/ml
Sensitivity	5 ng/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 DBP elisa kit

Principle of the Assay||This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is human DBP monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	324021745
NCBI GeneID	2638

NCBI Accession #	NP_001191236.1
NCBI GenBank Nucleotide #	NM_001204307.1
Molecular Weight	55,123 Da
NCBI Official Full Name	vitamin D-binding protein isoform 3
NCBI Official Synonym Full Names	group-specific component (vitamin D binding protein)
NCBI Official Symbol	GC
NCBI Official Synonym Symbols	DBP; GRD3; VDBG; VDBP; DBP/GC; HEL-S-51
NCBI Protein Information	vitamin D-binding protein; VDB; gc-globulin; vitamin D-binding alpha-globulin; epididymis secretory protein Li 51
UniProt Protein Name	Vitamin D-binding protein
UniProt Gene Name	GC
UniProt Synonym Gene Names	DBP; VDB
UniProt Entry Name	VTDB_HUMAN

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-d-binding-protein-dbp/179938>