

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

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CATALOG #
AAA278217

REACTIVITY
Human

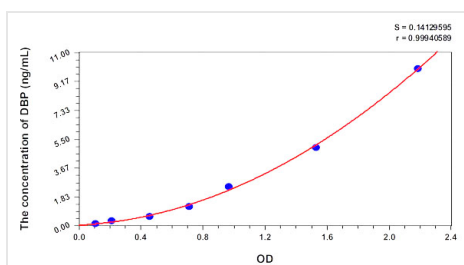
PRODUCT SYNONYMS

DBP (Vitamin D Binding Protein); Human DBP (Vitamin D Binding Protein) ELISA Kit; GC; VDBG; VDBP; Group-Specific Component; Gc-globulin; DBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	serum, plasma and other biological fluids
Detection Range	1.57-100ug/mL
Sensitivity	0.68ug/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DBP elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human DBP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human DBP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human DBP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Human DBP in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for DBP elisa kit

[Metabolic pathway](#); [Tumor immunity](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	324021745
NCBI GeneID	2638
NCBI Accession #	NP_001191236.1

NCBI GenBank Nucleotide #	NM_001204307.1
UniProt Accession #	P02774 ; Q16309 ; Q16310 ; Q53F31 ; Q6GTG1 ; B4DPP2 ; D6RAK8
Molecular Weight	52,964 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
NCBI Protein Information	vitamin D-binding protein; VDB; gc-globulin; vitamin D-binding alpha-globulin
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/dbp-vitamin-d-binding-protein/278217>