

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

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CATALOG #
AAA278420

REACTIVITY
Mouse

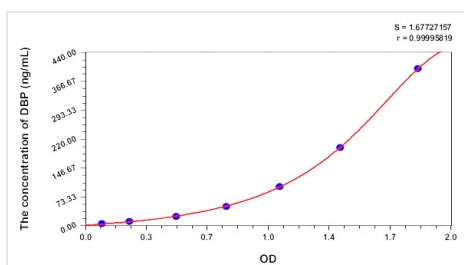
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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 Mouse DBP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse 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 Mouse 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 Mouse 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 #	51172612
NCBI GeneID	14473
NCBI Accession #	NP_032122.1

NCBI GenBank Nucleotide #	NM_008096.2
UniProt Accession #	P21614 ; Q7TS97 ; Q91XG1 ; Q9CY31
Molecular Weight	53,600 Da
NCBI Official Full Name	vitamin D-binding protein
NCBI Official Synonym Full Names	group specific component
NCBI Official Symbol	Gc
NCBI Official Synonym Symbols	DBP; VDB
NCBI Protein Information	vitamin D-binding protein
UniProt Protein Name	Vitamin D-binding protein
UniProt Gene Name	Gc
UniProt Synonym Gene Names	DBP; VDB

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/mouse-elisa-kits/dbp-vitamin-d-binding-protein/278420>