Human DBP ELISA Kit | DBP elisa kit

Human DBP (Vitamin D Binding Protein) ELISA Kit

CATALOG #	REACTIVITY
AAA163852	**Human**

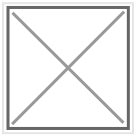
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human DBP. No significant cross-reactivity or interference between Human DBP and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human DBP and all the analogues, therefore, cross reaction may still exist.
Sequence Length	336
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	3.906-250ng/mL
Sensitivity	Min: 2.344ng/mL; Max: 250ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DBP elisa kit	**Description:** The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of DBP in human serum, plasma and other biological fluids **Principle of the Assay:** This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human DBP. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human DBP and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human DBP, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human DBP. You can calculate the concentration of Human DBP in the samples by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	32698607
NCBI GeneID	1463411
NCBI Accession #	NP_872522.1
NCBI GenBank Nucleotide #	NC_005038.1
UniProt Accession #	Q7T9U7
Molecular Weight	38,532 Da
NCBI Official Full Name	dbp
NCBI Official Symbol	dbp
NCBI Protein Information	dbp
UniProt Protein Name	DNA binding protein
UniProt Gene Name	**dbp**
UniProt Entry Name	Q7T9U7_GVAO

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/163852