

Goat Vitamin D Binding Protein ELISA Kit | DBP elisa kit

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CATALOG #
AAA89434

REACTIVITY
Goat

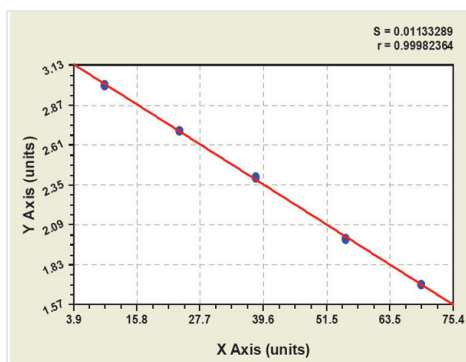
PRODUCT SYNONYMS

Vitamin D Binding Protein; Goat Vitamin D Binding Protein ELISA Kit; DBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This DBP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat DBP. This ELISA kit for research use only, not for therapeutic applications!
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: DBP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-DBP antibody and an DBP-HRP conjugate. The assay sample and buffer are incubated together with DBP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the DBP concentration since DBP from samples and DBP-HRP conjugate compete for the anti-DBP antibody binding site. Since the number of sites is limited, as more sites are occupied by DBP from the sample, fewer sites are left to bind DBP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DBP concentration in each sample is interpolated from this standard curve.

Product Categories/Family for DBP elisa kit

Metabolism

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	Dbp
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.

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Online datasheet: <https://stage.aaabiotech.com/dbp-goat-elisa-kits/vitamin-d-binding-protein/89434>