

Sheep Prefoldin subunit 3 (VBP1) ELISA Kit | VBP1 elisa kit

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CATALOG #
AAA244539

REACTIVITY
Sheep

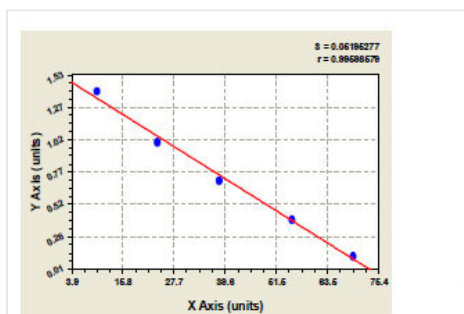
PRODUCT SYNONYMS

Prefoldin subunit 3 (VBP1); Sheep Prefoldin subunit 3 (VBP1) ELISA Kit; VBP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VBP1 elisa kit

Intended Uses: This VBP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep VBP1. This ELISA kit for research use only!

Principle of the Assay||VBP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-VBP1 antibody and an VBP1-HRP conjugate. The assay sample and buffer are incubated together with VBP1-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 VBP1 concentration since VBP1 from samples and VBP1-HRP conjugate compete for the anti-VBP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by VBP1 from the sample, fewer sites are left to bind VBP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The VBP1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for VBP1 elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507873
NCBI GeneID	7411
NCBI Accession #	NP_003363.1
NCBI GenBank Nucleotide #	NM_003372.5
Molecular Weight	22,658 Da
NCBI Official Full Name	prefoldin subunit 3
NCBI Official Synonym Full Names	von Hippel-Lindau binding protein 1
NCBI Official Symbol	VBP1
NCBI Official Synonym Symbols	PFD3; PFDN3; VBP-1
NCBI Protein Information	prefoldin subunit 3; HIBBJ46; prefoldin 3; VHL binding protein-1; VHL-binding protein 1; von Hippel-Lindau-binding protein 1
UniProt Protein Name	Prefoldin subunit 3
UniProt Gene Name	VBP1
UniProt Synonym Gene Names	PFDN3; VBP-1; VHL-binding protein 1
UniProt Entry Name	PFD3_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/sheep-elisa-kits/prefoldin-subunit-3-vbp1/244539>