

Sheep Parvalbumin a ELISA Kit | PALB a elisa kit

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CATALOG #
AAA95466

REACTIVITY
Sheep

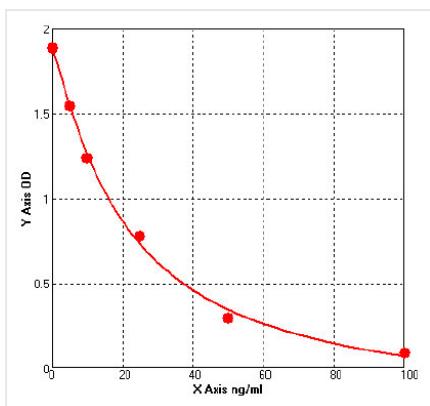
PRODUCT SYNONYMS

Parvalbumin a; Sheep Parvalbumin a ELISA Kit; PALB a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This assay has high sensitivity and excellent specificity for detection of PVALB. No significant cross-reactivity or interference between PVALB and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PVALB and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PALB a elisa kit	Intended Uses: This PVALB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep PVALB. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: PVALB ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-PVALB antibody and an PVALB-HRP conjugate. The assay sample and buffer are incubated together with PVALB-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 PVALB concentration since PVALB from samples and PVALB-HRP conjugate compete for the anti-PVALB antibody binding site. Since the number of sites is limited, as more sites are occupied by PVALB from the sample, fewer sites are left to bind PVALB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PVALB concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	35290
UniProt Accession #	P20472; P78378; Q4VB78; Q5R3Q9; B2R4H7
Molecular Weight	12,059 Da
NCBI Official Full Name	parvalbumin
UniProt Protein Name	Parvalbumin alpha
UniProt Gene Name	PVALB
UniProt Entry Name	PRVA_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/palb-a-sheep-elisa-kits/parvalbumin-a/95466>