

Mouse Parvalbumin a ELISA Kit | PALB a elisa kit

Mouse Parvalbumin a ELISA Kit

CATALOG #
AAA96038

REACTIVITY
Mouse

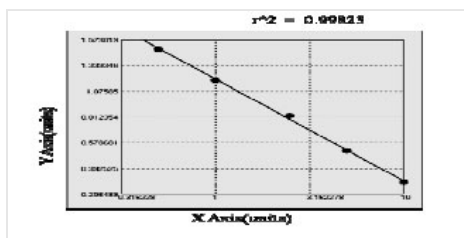
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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 PVALBalpha ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse PVALBalpha.

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

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-mouse-elisa-kits/parvalbumin-a/96038>