

Guinea Pig Pre-Albumin ELISA Kit | PA elisa kit

Guinea pig Pre-Albumin ELISA Kit

CATALOG #
AAA86031

REACTIVITY
Guinea Pig

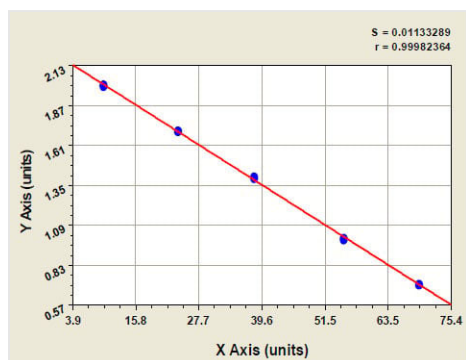
PRODUCT SYNONYMS

Pre-Albumin; Guinea pig Pre-Albumin ELISA Kit; PA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This PA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig PA. 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 PA elisa kit

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

Product Categories/Family for PA elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	63748
UniProt Accession #	P19121
Molecular Weight	69,918 Da
NCBI Official Full Name	preproalbumin (serum albumin)
UniProt Protein Name	Serum albumin
UniProt Gene Name	ALB
UniProt Entry Name	ALBU_CHICK

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/pa-guinea-pig-pig-elisa-kits/pre-albumin/86031>