

Rat prealbumin, PA ELISA Kit | PA elisa kit

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CATALOG #
AAA80461

REACTIVITY
Rat

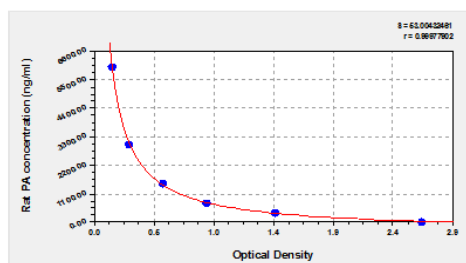
PRODUCT SYNONYMS

prealbumin; PA; Rat prealbumin; PA ELISA Kit; PA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat PA. No significant cross-reactivity or interference between rat PA and analogues was observed.
Sequence Length	615
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Competitive
Detection Range	375 ng/ml -6000 ng/ml.
Sensitivity	The minimum detectable dose of rat PA is typically less than 375 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PA elisa kit	Principle of the assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with PA. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for PA. The competitive inhibition reaction is launched between with pre-coated PA and PA in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of PA in the samples. The color development is stopped and the intensity of the color is measured.
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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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/prealbumin-pa/80461>