

Guinea Pig albumin ELISA Kit | ALB elisa kit

Guinea Pig Albumin, Alb ELISA Kit

CATALOG #
AAA80843

REACTIVITY
Guinea Pig

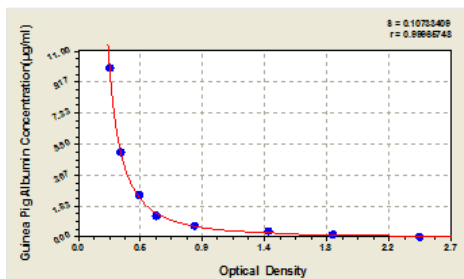
PRODUCT SYNONYMS

albumin; Guinea Pig Albumin; Alb ELISA Kit; Guinea Pig Albumin (Alb) ELISA kit; DKFZp779N1935; PRO0883; PRO0903; PRO1341; cell growth inhibiting protein 42; growth-inhibiting protein 20; serum albumin; Guinea Pig Albumin (Alb); ALB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of guinea pig albumin. No significant cross-reactivity or interference between guinea pig albumin and analogues was observed.
Sequence Length	609
Samples	Serum, plasma, tissue homogenates
Assay Type	Competitive
Detection Range	0.156 mug/ml -10 mug/ml.
Sensitivity	The minimum detectable dose of guinea pig albumin is typically less than 0.090 mug/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest guinea pig albumin 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 ALB elisa kit	Principle of the assay: This assay employs the direct competitive inhibition enzyme immunoassay technique. Antibody specific for albumin has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with biotin-conjugated albumin. A competitive inhibition reaction is launched between albumin (Standards or samples) and biotin-conjugated albumin with the pre-coated albumin antibody. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in opposite to the amount of albumin bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502027
NCBI GeneID	213
NCBI Accession #	NP_000468.1
NCBI GenBank Nucleotide #	NM_000477.5
UniProt Accession #	P02768; O95574; P04277; Q13140; Q645G4; Q68DN5; Q6UXK4; Q86YG0; Q9P157; Q9P1I7; Q9UHS3; Q9UJZ0
Molecular Weight	69,367 Da
NCBI Official Full Name	serum albumin preproprotein
NCBI Official Synonym Full Names	albumin
NCBI Official Symbol	ALB
NCBI Official Synonym Symbols	PRO0883; PRO0903; PRO1341
NCBI Protein Information	serum albumin; albumin (32 AA); albumin (AA 34); growth-inhibiting protein 20; cell growth inhibiting protein 42
UniProt Protein Name	Serum albumin
UniProt Gene Name	ALB
UniProt Synonym Gene Names	GIG20; GIG42; PRO0903; PRO1708; PRO2044; PRO2619; PRO2675; UNQ696/PRO1341
UniProt Entry Name	ALBU_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://www.aaabiotech.com/alb-guinea-pig-pig-elisa-kits/albumin/80843>