

Human microalbuminuria (MAU/ALB) ELISA Kit | MAU/ALB elisa kit

Human microalbuminuria, MAU/ALB ELISA Kit

CATALOG #
AAA79612

REACTIVITY
Human

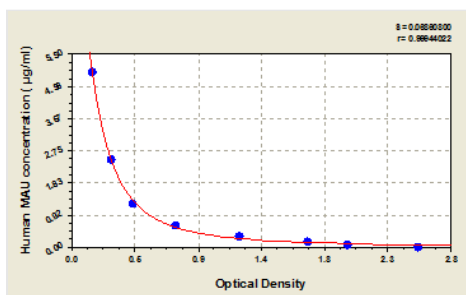
PRODUCT SYNONYMS

microalbuminuria (MAU/ALB); Human microalbuminuria; MAU/ALB ELISA Kit; Human microalbuminuria (MAU/ALB) ELISA kit ; DKFZp779N1935; PRO0883; PRO0903; PRO1341; cell growth inhibiting protein 42; growth-inhibiting protein 20; serum albumin; Human microalbuminuria (MAU/ALB); MAU/ALB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human MAU/ALB. No significant cross-reactivity or interference between Human MAU/ALB and analogues was observed.
Sequence Length	609
Samples	Serum, plasma, urine
Assay Type	Competitive
Detection Range	1 ug/ml-50 ug/ml
Sensitivity	0.5ug/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	others
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 MAU/ALB elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. Antibody specific for HAS has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated HAS. A competitive inhibition reaction is launched between HAS (Standards or samples) and HRP-conjugated HAS with the pre-coated antibody specific for HAS. The more amount of HAS in samples, the less antibody bound by HRP-conjugated HAS. 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 HAS in the sample. 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.