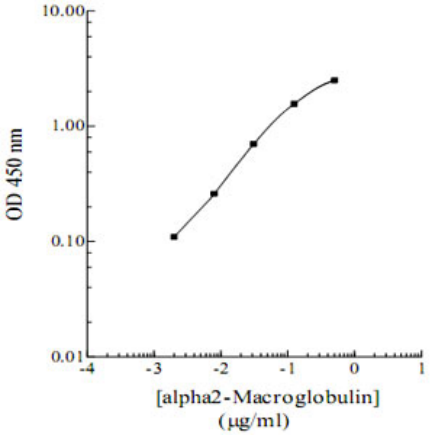
A2M (Human) ELISA Kit

Catalog # KA0486 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	A2M (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human A2M.
Suitable Sample	Cell Culture Supernatant, CSF, Milk, Saliva
Sample Volume	50 uL
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	1.953 to 500 ng/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Storage Instruction	Store components of the kit at 4°C or -20°C as described in the protocol.

Applications

- Quantification

Gene Info — A2M

Entrez GeneID	2
Gene Name	A2M
Gene Alias	CPAMD5, DKFZp779B086, FWP007, S863-7
Gene Description	alpha-2-macroglobulin
Omim ID	103950 104300
Gene Ontology	Hyperlink
Gene Summary	Alpha-2-macroglobulin is a protease inhibitor and cytokine transporter. It inhibits many proteases, including trypsin, thrombin and collagenase. A2M is implicated in Alzheimer disease (AD) due to i ts ability to mediate the clearance and degradation of A-beta, the major component of beta-amylo id deposits. [provided by RefSeq
Other Designations	-

Publication Reference

- Cross talk between primary human renal tubular cells and endothelial cells in cocultures.

  Tasnim F, Zink D.

  American Journal of Physiology. Renal Physiology 2012 Apr; 302(8):F1055.

  Application: ELISA, Human, HPTC and HUVEC culture medium

- Expression of Panza, an alpha2-macroglobulin, in a restricted dorsal domain of the primitive gut in Xenopus laevis.

  Pineda-Salgado L, Craig EJ, Blank RB, Kessler DS.

  Gene Expression Patterns 2015 Dec; 6(1):3.

- Glomerular deposition of alpha 2-macroglobulin in glomerular diseases.

  Yang AH, Chen JY.

  Nephrology, Dialysis, Transplantation 1997 Mar; 12(3):465.

- Hepatocyte growth factor and acute phase proteins in patients with chronic liver diseases.

  Shiota G, Umeki K, Okano J, Kawasaki H.

  J Med 1995 Jan; 26(5-6):295.

Pathway

- Complement and coagulation cascades

Disease

- Alzheimer disease
- Amyloidosis
- Arthritis
- Cardiovascular Diseases
- Cognition Disorders
- Dementia
- Diabetes Complications
- Diabetes Mellitus
- Disease Progression
- Diseases in Twins
- Edema
- Essential tremor
- Genetic Predisposition to Disease
- Hepatitis C

- Kidney Failure
- Liver Cirrhosis
- Macular Degeneration
- Memory Disorders
- Metabolic Syndrome X
- Multiple Sclerosis
- Myocardial Infarction
- Neoplasms
- Obesity
- Osteoporosis
- Parkinson disease