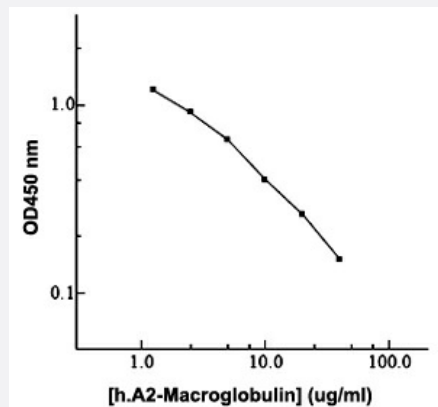


A2M (Human) ELISA Kit

Catalog # KA0487 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 competitive enzyme immunoassay for the quantitative measurement of human A2M in plasma and serum.
Suitable Sample	Plasma, Serum
Sample Volume	25 uL
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	1.25 to 40 ug/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 its ability to mediate the clearance and degradation of A-beta, the major component of beta-amyloid deposits. [provided by RefSeq]
Other Designations	-

Publication Reference

- [Integrating multiple 'omics' analyses identifies serological protein biomarkers for preeclampsia.](#)

Liu LY, Yang T, Ji J, Wen Q, Morgan AA, Jin B, Chen G, Lyell DJ, Stevenson DK, Ling XB, Butte AJ.
BMC Medicine 2013 Nov; 11(1):236.

Application: ELISA, Human, Serum

- [Assessing candidate serum biomarkers for Alzheimer's disease: a longitudinal study.](#)

Zabel M, Schrag M, Mueller C, Zhou W, Crofton A, Petersen F, Dickson A, Kirsch WM.
Journal of Alzheimer's Disease 2012 May; 30(2):311.

Application: ELISA, Human, Serum

- [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](#)