

Active Human A2M Reference Standard

Cat. No. A2M-1H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	A2M is a serine proteases inhibitor, which inhibits coagulation by inactivating thrombin and Kallikrein, it inhibits fibrinolysis by inactivating plasmin and involved in insulin transport. A2M is a large plasma protein, which is produced by the liver.
Form	Liquid
Bio-activity	The level of alpha 2-Macroglobulin in the serum was quantified using ELISA.
Usage	For research use only, not for diagnostic or therapeutic use.
Quality Control Test	Generated from a human serum pool. This lot has been tested by standard laboratory procedures and found to be negative for HIV 1, HIV 2, Hepatitis B and Hepatitis C.
Storage	Stored at -20 °C, 4 °C for less than seven days, frozen for greater than seven days.
Concentration	2.92 mg/ml
Preservative	0.1% sodium azide

GENE INFORMATION

Gene Name	A2M alpha-2-macroglobulin [Homo sapiens]
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Official Symbol	A2M
Synonyms	A2M; alpha-2-macroglobulin; CPAMD5; FWP007; S863 7; alpha-2-M; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 5; A2MD; S863-7; DKFZp779B086;
Gene ID	2
mRNA Refseq	NM_000014
Protein Refseq	NP_000005
MIM	103950
UniProt ID	P01023
Chromosome Location	12p13.31
Pathway	Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Formation of Fibrin Clot (Clotting Cascade), organism-specific biosystem; HDL-mediated lipid transport, organism-specific biosystem; Hemostasis, organism-specific biosystem; IL6-mediated signaling events, organism-specific biosystem;
Function	enzyme binding; growth factor binding; interleukin-1 binding; interleukin-8 binding; protein binding; serine-type endopeptidase inhibitor activity; tumor necrosis factor binding;