

Product datasheet for R1044

Alpha 1 Acid Glycoprotein (ORM1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Suitable for Immunoblotting (Western or Dot blot), ELISA, Immunoprecipitation and most immunological methods requiring high titer and specificity. <u>Recommended Dilutions:</u> This product has been assayed against 1.0 ug of Alpha-1-Acid Glycoprotein [Human Plasma] in a standard sandwich ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:2,000 to 1:10,000 of the reconstitution concentration is suggested for this product.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Alpha-1-Acid Glycoprotein [Human Plasma].
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against purified and partially purified Alpha-1-Acid Glycoprotein [Human Plasma]. Cross reactivity against Alpha-1-Acid Glycoprotein from other tissues and species may occur but have not been specifically determined.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with 0.01% sodium azide as preservative. State: Serum State: Lyophilized purified Ig fraction.
Reconstitution Method:	Restore with 2.0 ml of deionized water (or equivalent).
Concentration:	lot specific
Purification:	Prepared from monospecific antiserum by a delipidation and defibrination.
Conjugation:	Unconjugated



[View online »](#)

Storage:	<p>Store vial at 2-8°C prior to restoration. Centrifuge product if not completely clear after standing at room temperature. For extended storage aliquot contents and freeze at -20°C or below.</p> <p>This product is stable for one month at 2-8°C as an undiluted liquid.</p> <p>Dilute only prior to immediate use.</p> <p>Avoid cycles of freezing and thawing.</p>
Stability:	<p>Shelf life: One year from despatch.</p>
Gene Name:	<p>orosomuroid 1</p>
Database Link:	<p>Entrez Gene 5004 Human P02763</p>
Background:	<p>Alpha 1 Acid Glycoprotein (AGP) is an acute phase plasma protein synthesized by the liver. The protein is believed to regulate the interaction between blood cells and endothelial cells, and together with haptoglobin and C reactive protein, also regulates the extravasation of the cells during infection and inflammation. AGP is a major acute phase reactant, both in human and in rat. In human plasma, AGP (44 kDa) is found at levels of 0.5-1.4 mg/ml. Its concentration in blood plasma is elevated during acute inflammation, such as trauma, malignancies, myocardial infarction, rheumatoid arthritis, bacterial infections, after major surgery, in cases of chronic pain etc, and can be used for the diagnosis of inflammatory conditions.</p>
Synonyms:	<p>Orosomuroid-1, OMD1, Alpha-1-acid glycoprotein 1</p>