

# Product Datasheet

## Human alpha 1-Acid Glycoprotein ELISA Kit (Colorimetric) KA1023

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### Publications: 3

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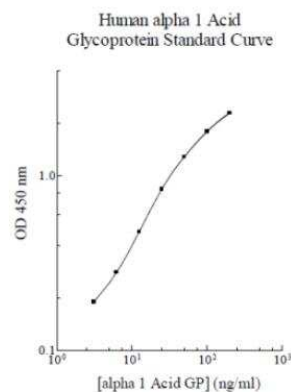
**KA1023****Human alpha 1-Acid Glycoprotein ELISA Kit (Colorimetric)**

<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Description</b>	ORM (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human ORM.
<b>Gene ID</b>	5004
<b>Gene Symbol</b>	ORM1
<b>Species</b>	Human
<b>Kit Components</b>	Human AGP Microplate: A 96 well polystyrene microplate (12 strips of 8 wells) coated with a polyclonal antibody against human AGP., Sealing Tapes: Each kit contains 3 pre-cut, pressure-sensitive sealing tapes that can be cut to fit the format of the individual assay., Human AGP Standard: Human AGP in a buffered protein base (200 ng, lyophilized)., Biotinylated AGP Antibody (30x): A 30-fold biotinylated polyclonal antibody against human AGP (300 µl)., MIX Diluent Concentrate (10x): A 10-fold concentrated buffered protein base (30 ml)., Wash Buffer Concentrate (20x): A 20-fold concentrated buffered surfactant (30 ml)., Streptavidin-Peroxidase Conjugate (SP Conjugate): A 100-fold concentrate (90 µl)., Chromogen Substrate: A ready-to-use stabilized peroxidase chromogen substrate tetramethylbenzidine (8 ml)., Stop Solution: A 0.5 N hydrochloric acid to stop the chromogen substrate reaction (12 ml).
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Standard Curve Range</b>	3.125 to 200 ng/mL
<b>Sensitivity</b>	1.7 ng/mL
<b>Inter Assay</b>	CV% < 7.00%
<b>Intra Assay</b>	CV% < 4.30%
<b>Assay Type</b>	Sandwich ELISA
<b>Spiking Recovery</b>	97.50%
<b>Suitable Sample Type</b>	Cell Culture Supernatant, CSF, Milk, Plasma, Saliva, Serum, Urine
<b>Sample Volume</b>	50 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Quantification
<b>Recommended Dilutions</b>	ELISA, Quantification



## Images

ELISA: alpha 1-Acid Glycoprotein ELISA Kit [HRP] [KA1023] - Standard curve



## Publications

Magid E, Guldager H, Hesse D, Christiansen MS. Monitoring urinary orosomucoid in acute inflammation: observations on urinary excretion of orosomucoid, albumin, alpha1-microglobulin, and IgG. Clin Chem. 2005-11-01 [PMID: 16166167]

Christiansen MS, Hommel E, Magid E, Feldt-Rasmussen B. Orosomucoid in urine predicts cardiovascular and overall mortality in patients with Type II diabetes. Diabetologia. 2002-01-01 [PMID: 11845230]

Tsutsumi M, Takase S. Usefulness of microheterogeneity of serum alpha 1-acidglycoprotein as a marker for alcohol abuse. Alcohol. 2001-11-01 [PMID: 11839463]



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### **Products Related to KA1023**

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NBP3-18358-10ug	Recombinant Human alpha 1-Acid Glycoprotein His Protein
M6000B-1	IL-6 [HRP]
MAB3694	alpha 1-Acid Glycoprotein Antibody (386131) [Unconjugated]
MAB1455	Albumin Antibody (188835) [Unconjugated] - Serum

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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