

ARG83205 Human ORM1 / alpha 1 Acid Glycoprotein ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83205 Human ORM1 / alpha 1 Acid Glycoprotein ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human ORM1 in Serum, Plasma (heparin, EDTA), Cell lysates, Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	ORM1 / alpha 1 Acid Glycoprotein
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	175 pg/ml
Detection Range	1.56 ng/ml - 100 ng/ml
Sample Type	Serum, Plasma, Cell lysates and Cell culture supernatants
Precision	Intra-Assay CV: 5.6% Inter-Assay CV: 6.5%
Alternate Names	AGP1; HEL-S-153w; AGP 1; AGP-A; OMD 1; ORM; Alpha-1-acid glycoprotein 1; Orosomucoid-1

Application Instructions

Assay Time	~ 5 hours
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Properties

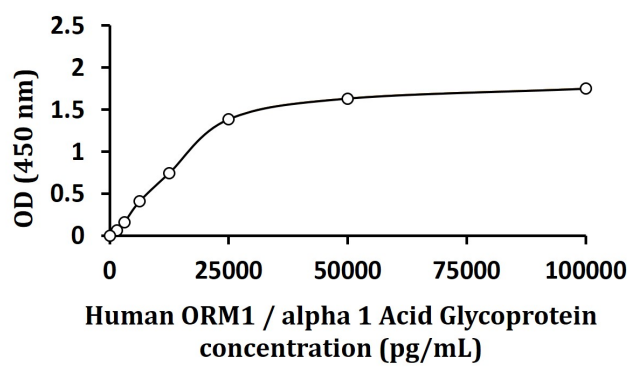
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	ORM1
Gene Full Name	orosomucoid 1
Background	This gene encodes a key acute phase plasma protein. Because of its increase due to acute inflammation, this protein is classified as an acute-phase reactant. The specific function of this protein has not yet been determined; however, it may be involved in aspects of immunosuppression.
Function	Functions as transport protein in the blood stream. Binds various ligands in the interior of its beta-barrel domain. Also binds synthetic drugs and influences their distribution and availability in the body.

	Appears to function in modulating the activity of the immune system during the acute-phase reaction.
PTM	N-glycosylated. N-glycan heterogeneity at Asn-33: Hex5HexNAc4 (minor), Hex6HexNAc5 (major) and dHex1Hex6HexNAc5 (minor).
Cellular Localization	Secreted.

Images



ARG83205 Human ORM1 / alpha 1 Acid Glycoprotein ELISA Kit standard curve image

ARG83205 Human ORM1 / alpha 1 Acid Glycoprotein ELISA Kit results of a typical standard run with optical density reading at 450 nm.