

ARG83477 Bovine ORM1 / alpha 1 Acid Glycoprotein ELISA Kit

Package: 96 wells

Store at: 4°C

Summary

Product Description	ARG83477 Bovine ORM1 / alpha 1 Acid Glycoprotein ELISA Kit is an Enzyme Immunoassay kit for the quantification of Bovine ORM1 / alpha 1 Acid Glycoprotein in Plasma, Serum
Tested Reactivity	Bov
Tested Application	ELISA
Target Name	ORM1 / alpha 1 Acid Glycoprotein
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	1.5625 ng/ml
Sample Type	Plasma, Serum
Standard Range	3.125 - 100 ng/ml
Sample Volume	100 µl
Alternate Names	ORM1; Orosomuroid 1; Alpha-1-Acid Glycoprotein 1; A1AG1; AGP 1; OMD 1; AGP1; Epididymis Secretory Sperm Binding Protein Li 153w; Orosomuroid-1; HEL-S-153w; AGP-A; ORM

Application Instructions

Assay Time	2 hours
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Properties

Form	96 well
Storage instruction	Store the kit at 4°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	orosomuroid 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 a 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	Disulfide bond, Glycoprotein, Pyrrolidone carboxylic acid

