

Bovine orosomucoid 1 ELISA Kit | ORM1 elisa kit

Bovine alpha1-Acid glycoprotein, alpha1-AGP ELISA Kit

CATALOG #
AAA79963

REACTIVITY
Bovine

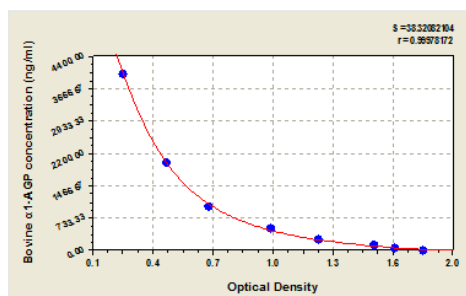
PRODUCT SYNONYMS

orosomucoid 1; Bovine alpha1-Acid glycoprotein; alpha1-AGP ELISA Kit; AGP-A; AGP1; ORM; alpha-1-acid glycoprotein 1; ORM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of Bovine ORM1. No significant cross-reactivity or interference between Bovine ORM1 and analogues was observed.
Sequence Length	202
Samples	Serum, plasma, tissue homogenates
Detection Range	62.5 ng/ml-4000 ng/ml
Sensitivity	15.6ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Immunity
Protein Biological Process 3	Acute phase
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ORM1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with bovine alpha1-AGP. Standards or samples are then added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP)- conjugated antibody preparation specific for bovine alpha1-AGP, mix well and incubated. The more the amount of bovine alpha1-AGP in samples, the less HRP- conjugated antibody preparation specific for bovine alpha1-AGP bound by pre-coated bovine alpha1-AGP. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. And the color develops in opposite to the amount of bovine alpha1-AGP in the sample. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	94966811
NCBI GeneID	497200
NCBI Accession #	NP_001035592.1
NCBI GenBank Nucleotide #	NM_001040502.2
UniProt Accession #	Q3SZR3
Molecular Weight	23,182 Da
NCBI Official Full Name	alpha-1-acid glycoprotein
NCBI Official Symbol	ORM1
NCBI Official Synonym Symbols	AGP
NCBI Protein Information	alpha-1-acid glycoprotein; OMD; alpha-1 acid glycoprotein
UniProt Protein Name	Alpha-1-acid glycoprotein
UniProt Gene Name	ORM1
UniProt Synonym Gene Names	AGP; OMD
UniProt Entry Name	A1AG_BOVIN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.