

Sheep Orosomucoid ELISA Kit | ORM elisa kit

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CATALOG #
AAA93031

REACTIVITY
Sheep

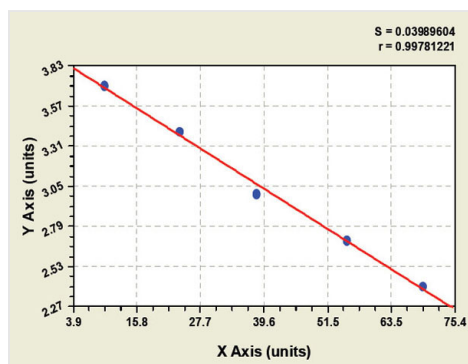
PRODUCT SYNONYMS

Orosomucoid; Sheep Orosomucoid ELISA Kit; ORM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This ORM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep ORM. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ORM elisa kit

Principle of the Assay: ORM ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ORM antibody and an ORM-HRP conjugate. The assay sample and buffer are incubated together with ORM-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ORM concentration since ORM from samples and ORM-HRP conjugate compete for the anti-ORM antibody binding site. Since the number of sites is limited, as more sites are occupied by ORM from the sample, fewer sites are left to bind ORM-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ORM concentration in each sample is interpolated from this standard curve.

Product Categories/Family for ORM elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	219519923
NCBI GeneID	5004
Molecular Weight	23,512 Da
NCBI Official Full Name	Orosomuroid 1
NCBI Official Synonym Full Names	orosomuroid 1
NCBI Official Symbol	ORM1
NCBI Official Synonym Symbols	ORM; AGP1; AGP-A; HEL-S-153w
NCBI Protein Information	alpha-1-acid glycoprotein 1; AGP 1; OMD 1; orosomuroid-1; epididymis secretory sperm binding protein Li 153w
UniProt Protein Name	Alpha-1-acid glycoprotein 1
UniProt Gene Name	ORM1
UniProt Synonym Gene Names	AGP1; AGP 1; OMD 1
UniProt Entry Name	A1AG1_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/orm-sheep-elisa-kits/orosomuroid/93031>