

Monkey Orosomuroid ELISA Kit | ORM elisa kit

Monkey Orosomuroid ELISA Kit

CATALOG #
AAA16714

REACTIVITY
Monkey

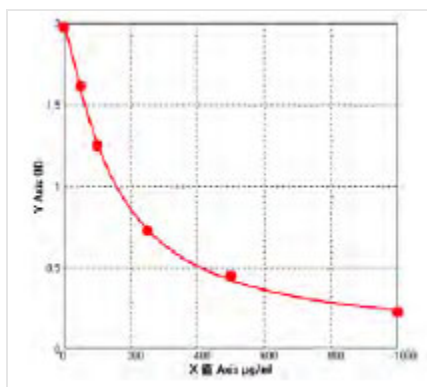
PRODUCT SYNONYMS

Orosomuroid; Monkey Orosomuroid ELISA Kit; ORM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of ORM. No significant cross-reactivity or interference between ORM and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ORM and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ug/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ORM elisa kit	Intended Uses: This ORM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey ORM. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: ORM ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal 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.