

Human Orosomucoid ELISA Kit | ORM elisa kit

Human Orosomucoid ELISA Kit

CATALOG #
AAA83871

REACTIVITY
Human

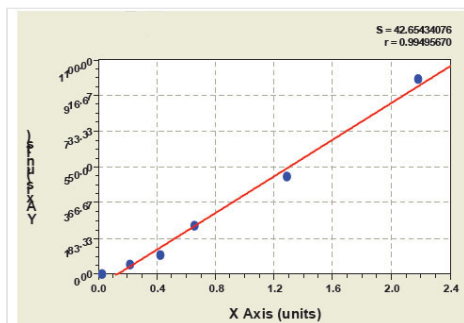
PRODUCT SYNONYMS

Orosomucoid; Human Orosomucoid ELISA Kit; ORM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This ORM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human 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 quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ORM. Standards or samples are then added to the microtiter plate wells and ORM if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ORM present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for ORM are added to each well to "sandwich" the ORM immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain ORM and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	219519923
NCBI GeneID	5004
Molecular Weight	23,512 Da
NCBI Official Full Name	Orosomucoid 1
NCBI Official Synonym Full Names	orosomucoid 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; orosomucoid-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-human-elisa-kits/orosomucoid/83871>