

Rat GULO/L-Gulonolactone Oxidase ELISA Kit | GULO elisa kit

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CATALOG #
AAA196787

REACTIVITY
Rat

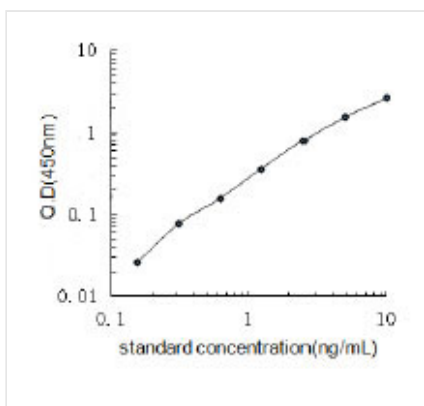
PRODUCT SYNONYMS

GULO/L-Gulonolactone Oxidase; Rat GULO/L-Gulonolactone Oxidase ELISA Kit; L-gulonolactone oxidase; L-gulono-gamma-lactone oxidase; GLO; GULO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat L-gulonolactone oxidase,LGO
Sequence Length	440
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.065 ng/mL
Intra-assay Precision	<=5.9%
Inter-assay Precision	<=8.6%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GULO elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	60097943
NCBI GeneID	60671
NCBI Accession #	NP_071556.2
NCBI GenBank Nucleotide #	NM_022220.2
UniProt Accession #	P10867
NCBI Official Full Name	L-gulonolactone oxidase
NCBI Official Synonym Full Names	gulonolactone (L-) oxidase
NCBI Official Symbol	Gulo
NCBI Protein Information	L-gulonolactone oxidase
UniProt Protein Name	L-gulonolactone oxidase
UniProt Gene Name	Gulo
UniProt Synonym Gene Names	LGO; GLO
UniProt Entry Name	GGLO_RAT

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.