

ARG83292 Human GLO1 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83292 Human GLO1 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human GLO1 in Serum, Plasma and Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	GLO1
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15 pg/ml
Detection Range	156 pg/ml - 10,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 4.6% Inter-Assay CV: 5.6%
Alternate Names	GLO1; Glyoxalase I; Lactoylglutathione Lyase; GLOD1; S-D-Lactoylglutathione Methylglyoxal Lyase; Ketone-Aldehyde Mutase; Methylglyoxalase; Aldoketomutase; EC 4.4.1.5; Glx I; Epididymis Secretory Protein Li 74; Glyoxalase Domain Containing 1; Lactoyl Glutathione Lyase; HEL-S-74; GLYI

Application Instructions

Assay Time	~ 5 hours
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Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

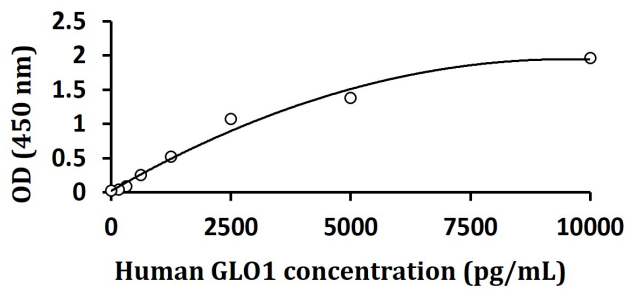
Gene Symbol	GLO1
Gene Full Name	glyoxalase I
Background	The enzyme encoded by this gene is responsible for the catalysis and formation of S-lactoyl-glutathione from methylglyoxal condensation and reduced glutathione. Glyoxalase I is linked to HLA and is localized to 6p21.3-p21.1, between HLA and the centromere. [provided by RefSeq, Jul 2008]
Function	Catalyzes the conversion of hemimercaptal, formed from methylglyoxal and glutathione, to S-

lactoylglutathione. [UniProt]

PTM

Acetylation, Disulfide bond, Glutathionylation, Phosphoprotein. [UniProt]

Images



ARG83292 Human GLO1 ELISA Kit standard curve image

ARG83292 Human GLO1 ELISA Kit results of a typical standard run with optical density reading at 450 nm.