

ARG83289 Human GGCT ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83289 Human GGCT ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human GGCT 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	GGCT
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15 pg/ml
Detection Range	62.5 pg/ml - 4,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 5.4% Inter-Assay CV: 4.2%
Alternate Names	GGCT; Gamma-Glutamylcyclotransferase; CRF21; C7orf24; Cytochrome C-Releasing Factor 21; MGC3077; GCTG; Ggc; Chromosome 7 Open Reading Frame 24; Gamma -Glutamyl Cyclotransferase; EC 4.3.2.9; GGC

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.

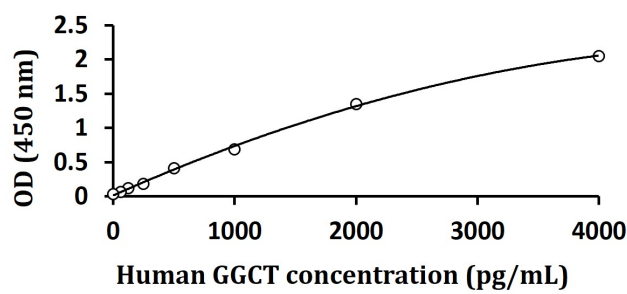
Bioinformation

Gene Symbol	GGCT
Gene Full Name	Gamma-Glutamylcyclotransferase
Background	The protein encoded by this gene catalyzes the formation of 5-oxoproline from gamma-glutamyl dipeptides, the penultimate step in glutathione catabolism, and may play a critical role in glutathione homeostasis. The encoded protein may also play a role in cell proliferation, and the expression of this gene is a potential marker for cancer. Pseudogenes of this gene are located on the long arm of chromosome 5 and the short arm of chromosomes 2 and 20. Alternatively spliced transcript variants

encoding multiple isoforms have been observed for this gene.

Function	Induces release of cytochrome c from mitochondria with resultant induction of apoptosis.
PTM	Phosphoprotein
Cellular Localization	Cytosol, Extracellular exosome

Images



ARG83289 Human GGCT ELISA Kit standard curve image

ARG83289 Human GGCT ELISA Kit results of a typical standard run with optical density reading at 450 nm.