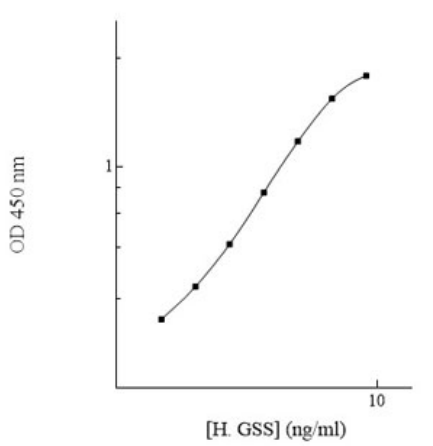
GSS (Human) ELISA Kit

Catalog # KA6097 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	GSS (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for quantitative detection of human GSS in serum, plasma, cell culture, urine, saliva, milk, tissue extract and CSF.
Suitable Sample	Serum, Plasma, Cell Culture, Urine, Saliva, Milk, Tissue Extract, CSF
Sample Volume	50 uL
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	0.125 to 8 ng/mL
Reactivity	Human
Regulatory Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Storage Instruction	Store components of the kit at 4°C or -20°C as described in the protocol.

Applications

- Quantification

Gene Info — GSS

Entrez GeneID	2937
Protein Accession#	P48637
Gene Name	GSS
Gene Alias	GSHS, MGC14098
Gene Description	glutathione synthetase
Omim ID	231900 266130 601002
Gene Ontology	Hyperlink
Gene Summary	Glutathione is important for a variety of biological functions, including protection of cells from oxid ative damage by free radicals, detoxification of xenobiotics, and membrane transport. The protein encoded by this gene functions as a homodimer to catalyze the second step of glutathione biosynt hesis, which is the ATP-dependent conversion of gamma-L-glutamyl-L-cysteine to glutathione. De fects in this gene are a cause of glutathione synthetase deficiency. [provided by RefSeq
Other Designations	GSH synthetase|OTTHUMP00000030711|glutathione synthase

Pathway

- Glutathione metabolism
- Metabolic pathways

Disease

- Alzheimer disease
- Amyotrophic lateral sclerosis

- Cardiovascular Diseases
- Cognition
- Coronary Artery Disease
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Kidney Failure
- Lung Neoplasms