

GYS1 (Human) Cell-Based ELISA Kit

Catalog # KA2897

Size 1 Kit

Specification

Product Description	GYS1 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of GYS1 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — GYS1

Entrez GeneID	2997
Protein Accession#	P13807
Gene Name	GYS1
Gene Alias	GSY, GYS
Gene Description	glycogen synthase 1 (muscle)

Omim ID [138570](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene catalyzes the addition of glucose monomers to the growing glycogen molecule through the formation of alpha-1,4-glycoside linkages. Mutations in this gene are associated with muscle glycogen storage disease. Alternatively spliced transcript variants encoding different isoforms have been found for this gene

Other Designations -

Pathway

- [Insulin signaling pathway](#)
- [Starch and sucrose metabolism](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Glucose Metabolism Disorders](#)
- [Hematologic Diseases](#)
- [Hepatitis](#)
- [Hypercholesterolemia](#)
- [Hyperglycemia](#)
- [Hypertension](#)
- [Insulin Resistance](#)

- [Kidney Failure](#)
- [Metabolic Syndrome X](#)
- [Occupational Diseases](#)