

Product Datasheet

Glycogen Assay Kit (Colorimetric/Fluorometric) KA0861

Unit Size: 1 Kit

Store at -20C.

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KA0861**Glycogen Assay Kit (Colorimetric/Fluorometric)**

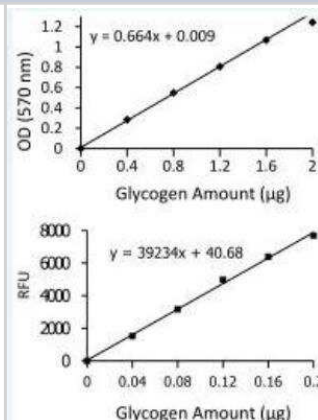
Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at -20C.

Product Description	
Description	Quality control test: Standard curve Glycogen Assay Kit is used for measuring glycogen levels.
Species	Mouse, Rat, Mammal
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 22653059).
Specificity/Sensitivity	This kit can be used with both colorimetric and fluorometric detection systems.
Kit Components	Hydrolysis Buffer, Development Buffer, OxiRed Probe, Hydrolysis Enzyme Mix, Development Enzyme Mix, Glycogen Standard (2.0 mg/ml)
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	0.0004 to 2 mg/mL
Sensitivity	8 uM
Assay Type	Colorimetric/Fluorometric
Suitable Sample Type	Biological Fluid, Cell Culture Supernatant, Plasma, Serum, Tissue Culture Supernatant, Urine
Sample Volume	2-50 uL

Product Application Details	
Applications	ELISA, Functional, Quantification
Recommended Dilutions	ELISA, Functional, Quantification

Images

Glycogen Assay Kit [KA0861] - Assay Kit [KA0861] - 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.



Publications

- Abshagen K, Degenhardt B, Liebig M et al. Liver-specific Repin1 deficiency impairs transient hepatic steatosis in liver regeneration. *Sci Rep*. 2018-11-15 [PMID: 30442920]
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- Ma R, Ji T, Zhang H et al. A Pck1-directed glycogen metabolic program regulates formation and maintenance of memory CD8+ T cells. *Nat Cell Biol* 2017-12-11 [PMID: 29230018]
- Kwan STC, King JH, Yan J et al. Maternal Choline Supplementation Modulates Placental Nutrient Transport and Metabolism in Late Gestation of Mouse Pregnancy. *J Nutr* 2017-09-20 [PMID: 28931587]
- Ji S, Zhu L, Gao Y et al. Baf60b-mediated ATM-p53 activation blocks cell identity conversion by sensing chromatin opening. *Cell Res* 2017-03-17 [PMID: 28303890]
- Chen L, Wang X, Lin ZX et al. Preventive Effects of Ginseng Total Saponins on Chronic Corticosterone-Induced Impairment in Astrocyte Structural Plasticity and Hippocampal Atrophy. *Phytother Res* 2017-06-28 [PMID: 28656606]
- Xie C, Zhang YP, Song L et al. Genome editing with CRISPR/Cas9 in postnatal mice corrects PRKAG2 cardiac syndrome. *Cell Res* 2016-08-30 [PMID: 27573176]
- Shi XL, Gao Y, Yan Y et al. Improved survival of porcine acute liver failure by a bioartificial liver device implanted with induced human functional hepatocytes. *Cell Res* 2016-01-15 [PMID: 26768767]
- L. Rato L, Alves MG, Dias TR et al. Testicular Metabolic Reprogramming in Neonatal Streptozotocin-Induced Type 2 Diabetic Rats Impairs Glycolytic Flux and Promotes Glycogen Synthesis. *Journal of Diabetes Research*. 2015-01-01 [PMID: 26064993]
- Ma L, Ma J, Xu K. Effect of spaceflight on the circadian rhythm, lifespan and gene expression of *Drosophila melanogaster*. *PLoS One* 2015-01-01 [PMID: 25798821]
- Zhdanov AV, Dmitriev RI, Golubeva AV et al. Chronic hypoxia leads to a glycolytic phenotype and suppressed HIF-2 signaling in PC12 cells. *Biochim Biophys Acta*. 2013-02-24 [PMID: 23462283]
- Czech-Damal NU, Geiseler SJ, Hoff ML et al. The role of glycogen, glucose and lactate in neuronal activity during hypoxia in the hooded seal (*Cystophora cristata*) brain. *Neuroscience*. 2014-06-21 [PMID: 24959743]
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