Product Datasheet

Glutathione Assay Kit (Colorimetric) KA0797

Unit Size: 1 Kit

Store at -20C.

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Publications: 1

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KA0797

Glutathione Assay Kit (Colorimetric)

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 Glutathione Assay Kit (Colorimetric) is used for analyzing total glutathione and the reduced form glutathione alone.
Gene Symbol	GSH
Species	Human, Mammal
Specificity/Sensitivity	This kit can quantify glutathione from 1-100 ng/well in a 200 uL reaction. For detecting lower glutathione concentrations, such as in blood samples, increasing reaction time will generate stronger signals. This kit can also specifically detect the reduced form of glutathione (GSH) by omitting the glutathione reductase from the reaction mixture. The sensitivity for detecting the reduced form of glutathione (without recycling system) is 100 times lower than detecting the total glutathione.
Kit Components	Glutathione Reaction Buffer, Glutathione Substrate (DTNB), NADPH Generating Mix (lyophilized), Glutathione Reductase, Sulfosalicylic Acid (SSA, 1 gram), GSH Standard (lyophilized, MW 307)
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Assay Type	Colorimetric
Suitable Sample Type	Cell Lysate, Tissue Lysate, Erythrocyte Lysate, Plasma
Sample Volume	20 uL
Product Application Details	

Applications	Functional, Quantification
Recommended Dilutions	Functional, Quantification

Images

Glutathione Assay Kit (Colorimetric) [KA0797] - 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

Junhom C, Weerapreeyakul N, Tanthanuch W et al. FTIR microspectroscopy defines early drug resistant human hepatocellular carcinoma (HepG2) cells. Exp Cell Res 2015-12-18 [PMID: 26708618]

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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

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