

Glutathione Oxidized (GSSG) Assay Kit | GSSG assay kit

CheKine™ Glutathione Oxidized (GSSG) Colorimetric Assay Kit

CATALOG #
AAA332458

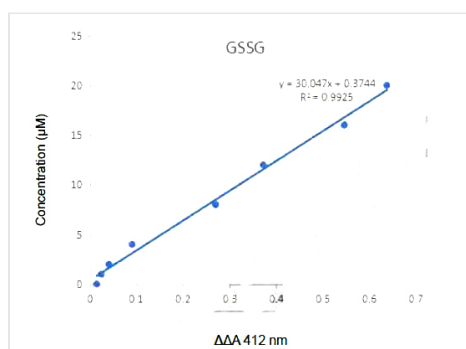
PRODUCT SYNONYMS

Glutathione Oxidized (GSSG); CheKine™ Glutathione Oxidized (GSSG) Colorimetric Assay Kit; GSSG assay kit

PRODUCT SPECIFICATIONS

Samples	Serum, Plasma, Animal/Plant Tissues, Blood cells, Cells, Bacteria
Preparation and Storage	Storage at -20 degree C and keep from light immediately upon receipt. Kit has a storage time of 12 months from receipt. Refer to list of materials supplied for storage conditions of individual components. Shipping: Ice packs

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GSSG assay kit	Principle of the Assay: Glutathione has two forms: reduced form (GSH) and oxidized form (GSSG). GSSG also known as Dithioglutathione, is formed by the oxidation of two molecules of glutathione. GSSG will be reduced to GSH by glutathione reductase (GR), so most of it exists in the reduced form in the body. Determination of intracellular GSH and GSSG content and GSH/GSSG ratio can well reflect the redox state of cells, and is also one of the main indicators of glutathione redox cycle. CheKine™ Micro Glutathione Oxidized (GSSG) Assay Kit provides a simple, convenient and rapid method for the detection of GSSG content, which is suitable for serum, plasma, animal and plant tissues, blood cells, cells, bacteria, etc. sample. The principle is that reduced Glutathione can react with 5,5-dithiobis (2-nitrobenzoic acid) (DTNB) to generate 2-nitro-5-mercaptobenzoic acid, which has a maximum light at a wavelength of 412 nm. Absorption, inhibit the original reduced glutathione in the sample by 2-vinylpyridine, and then use GR to reduce GSSG to GSH, thereby determining the content of oxidized glutathione.
Product Categories/Family for GSSG assay kit	Cell Metabolism

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.