

Rat Glutathione (GSH) ELISA Kit | GSH elisa kit

Rat Glutathione (GSH) ELISA Kit

CATALOG #
AAA330220

REACTIVITY
Rat

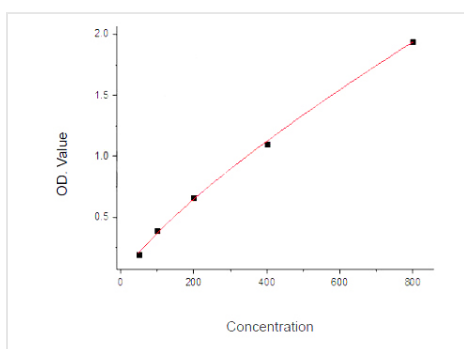
PRODUCT SYNONYMS

Glutathione (GSH); Rat Glutathione (GSH) ELISA Kit; GSH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Rat Glutathione (GSH) ELISA Kit has high sensitivity and excellent specificity for detection of Rat GSH. No significant cross-reactivity or interference between Rat GSH and analogues was observed.
Sequence Length	280
Assay Type	Sandwich
Samples	Rat serum, cell culture supernates and other biological fluids
Detection Range	50 ng/L - 800 ng/L
Sensitivity	< 5 ng/L
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%) $\leq$ 9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%) $\leq$ 11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GSH elisa kit	Background: Glutathione (GSH) is a tripeptide. It contains an unusual peptide linkage between the amine group of cysteine and the carboxyl group of the glutamate side chain. Glutathione, an antioxidant, protects cells from toxins such as free radicals. Principle of the Assay: Rat Glutathione (GSH) ELISA Kit employs a two-site sandwich ELISA to quantitate GSH in samples. An antibody specific for GSH has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GSH present is bound by the immobilized antibody. After removing any unbound substances, HRP-conjugated Rat GSH detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of GSH bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	1480717780
NCBI Official Full Name	glutathione

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/glutathione-gsh/330220>