

Human Glutathione Reductase (GR) RTU ELISA Kit | GR rtu elisa kit

Human Glutathione Reductase (GR) ELISA Kit

CATALOG #
AAA71007

REACTIVITY
Human

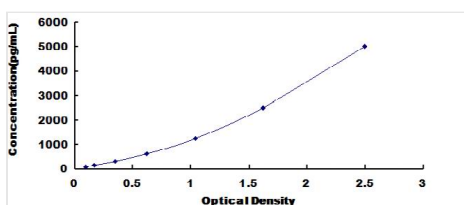
PRODUCT SYNONYMS

Glutathione Reductase (GR); Human Glutathione Reductase (GR) ELISA Kit; GSR; GLUR; GRD1; Glutathione reductase; mitochondrial; GR rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	522
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	78.1-5000pg/mL
Sensitivity	35pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GR rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GR. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GR. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain GR, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of GR in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

50301238

NCBI GeneID	2936
NCBI Accession #	NP_000628.2
NCBI GenBank Nucleotide #	NM_000637.4
UniProt Accession #	P00390; Q7Z5C9; Q9NP63; C8KIL8; C8KIL9; C8KIM0; D3DSV3
Molecular Weight	47,267 Da
NCBI Official Full Name	glutathione reductase, mitochondrial isoform 1
NCBI Official Synonym Full Names	glutathione-disulfide reductase
NCBI Official Symbol	GSR
NCBI Official Synonym Symbols	GR; HEL-75; HEL-S-122m
NCBI Protein Information	glutathione reductase, mitochondrial
UniProt Protein Name	Glutathione reductase, mitochondrial
UniProt Gene Name	GSR
UniProt Synonym Gene Names	GLUR; GRD1; GR; GRase

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/human-rtu-elisa-kits/glutathione-reductase-gr/71007>