

Human GR ELISA Kit | GR elisa kit

Human GR (Glutathione Reductase) ELISA Kit

CATALOG #
AAA164969

REACTIVITY
Human

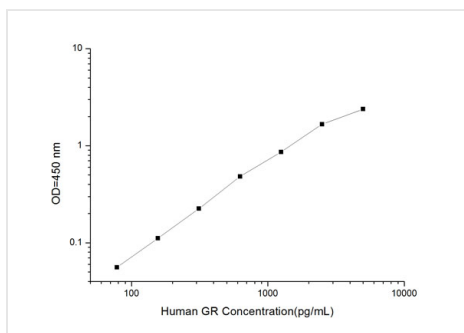
PRODUCT SYNONYMS

GR; Human GR (Glutathione Reductase) ELISA Kit; GR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human GR. No significant cross-reactivity or interference between Human GR and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human GR and all the analogues, therefore, cross reaction may still exist.
Sequence Length	544
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	Min: 46.875pg/mL; Max: 5000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GR elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GR in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human GR. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human GR and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human GR, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human GR. You can calculate the concentration of Human GR in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1346192
NCBI GeneID	547793
UniProt Accession #	P48640
Molecular Weight	58,783 Da
NCBI Official Full Name	Glutathione reductase, chloroplastic
NCBI Official Symbol	GR
NCBI Protein Information	glutathione reductase, chloroplastic; GRase
UniProt Protein Name	Glutathione reductase, chloroplastic
UniProt Gene Name	GR
UniProt Synonym Gene Names	GR; GRase
UniProt Entry Name	GSHRP_SOYBN

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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/gr/164969>