

Fish Glutathione Reductase (GR) ELISA Kit | GR elisa kit

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CATALOG #
AAA121886

REACTIVITY
Fish

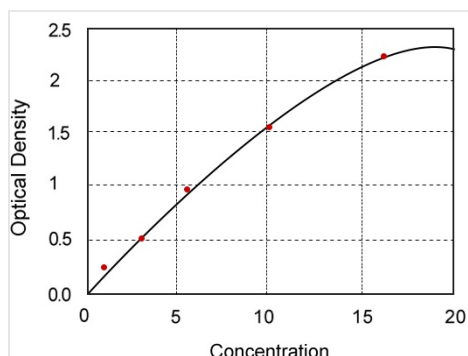
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Fish
Sequence Length	565
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 100ng/ml
Sensitivity	0.24ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GR elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Fish Glutathione Reductase (also known as GR) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Fish GR antibody. GR present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Fish GR Antibody is added and binds to GR in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GR antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Fish GR. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15232559
NCBI GeneID	824631
NCBI Accession #	NP_191026.1
NCBI GenBank Nucleotide #	NM_115323.4
UniProt Accession #	P42770
Molecular Weight	60,852 Da
NCBI Official Full Name	glutathione reductase
NCBI Official Symbol	GR
NCBI Official Synonym Symbols	ATGR2; EMB2360; glutathione reductase
NCBI Protein Information	glutathione reductase
UniProt Protein Name	Glutathione reductase, chloroplastic
UniProt Gene Name	EMB2360
UniProt Synonym Gene Names	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/fish-elisa-kits/glutathione-reductase-gr/121886>