

Human GLYR1 (Glyoxylate reductase 1 homolog) ELISA Kit | GLYR1 elisa kit

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CATALOG #
AAA249729

REACTIVITY
Human

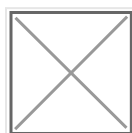
PRODUCT SYNONYMS

GLYR1 (Glyoxylate reductase 1 homolog); Human GLYR1 (Glyoxylate reductase 1 homolog) ELISA Kit; Putative oxidoreductase GLYR1; 3-hydroxyisobutyrate dehydrogenase-like protein; Cytokine-like nuclear factor N-PAC; Glyoxylate reductase 1 homolog; Nuclear protein NP60; Nuclear protein of 60 kDa; Nucleosome-destabilizing factor; hNDF; HIBDL; NDF; NP60; GLYR1; GLYR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GLYR1. No significant cross-reactivity or interference between GLYR1 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GLYR1 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

862669336

NCBI GeneID	84656
NCBI Accession #	NP_001295025.1
NCBI GenBank Nucleotide #	NM_001308096.1
UniProt Accession #	Q49A26; Q5U632; Q6P1Q2; Q6V3W7; Q9BT11; Q9B XK2; B4DL47; C9JJ40; C9JJ60
Molecular Weight	52,559 Da
NCBI Official Full Name	putative oxidoreductase GLYR1 isoform 2
NCBI Official Synonym Full Names	glyoxylate reductase 1 homolog
NCBI Official Symbol	GLYR1
NCBI Official Synonym Symbols	NP60; BM045; HIBDL; N-PAC
NCBI Protein Information	putative oxidoreductase GLYR1
UniProt Protein Name	Putative oxidoreductase GLYR1
UniProt Gene Name	GLYR1
UniProt Synonym Gene Names	HIBDL; NP60

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://stage.aaabiotech.com/human-elisa-kits/glyr1-glyoxylate-reductase-1-homolog/249729>