

Rat Glucose-6-phosphate 1-dehydrogenase (G6PD) ELISA Kit | G6PD elisa kit

Rat Glucose-6-phosphate 1-dehydrogenase (G6PD) ELISA Kit

CATALOG #
AAA43560

REACTIVITY
Rat

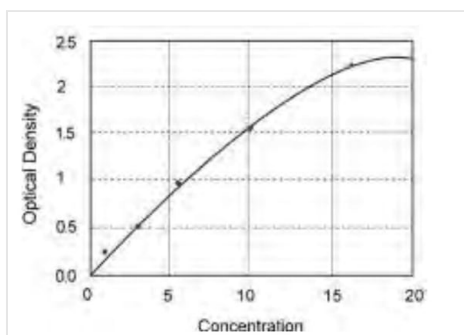
PRODUCT SYNONYMS

Glucose-6-phosphate 1-dehydrogenase (G6PD); Rat Glucose-6-phosphate 1-dehydrogenase (G6PD) ELISA Kit; G6PD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	504
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.1-40mU/mL
Sensitivity	0.054mU/mL
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 G6PD elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat G6PD antibody. G6PD present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat G6PD Antibody is added and binds to G6PD in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated G6PD 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 Rat G6PD. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Glucose-6-phosphate 1-dehydrogenase (also known as G6PD) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	495245304
NCBI Accession #	WP_007970066.1
NCBI GenBank Nucleotide #	WP_007970066.1
Molecular Weight	56,370 Da
NCBI Official Full Name	glucose-6-phosphate dehydrogenase
UniProt Protein Name	Glucose-6-phosphate 1-dehydrogenase
UniProt Gene Name	zwf
UniProt Synonym Gene Names	G6PD

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/glucose-6-phosphate-1-dehydrogenase-g6pd/43560>