

Human G6PD (Glucose 6 Phosphate Dehydrogenase) CLIA Kit | G6PD clia kit

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CATALOG #
AAA171291

REACTIVITY
Human

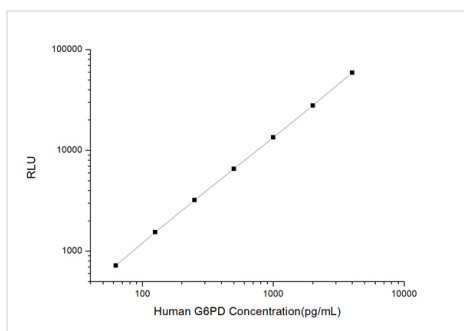
PRODUCT SYNONYMS

G6PD (Glucose 6 Phosphate Dehydrogenase); Human G6PD (Glucose 6 Phosphate Dehydrogenase) CLIA Kit; G6PD clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant G6PD. No significant cross-reactivity or interference between G6PD and analogues was observed.
Sequence Length	479
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for G6PD clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of G6PD concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to G6PD. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for G6PD 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 G6PD, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of G6PD. You can calculate the concentration of G6PD in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	182890
NCBI GeneID	2539
Molecular Weight	62,468 Da
NCBI Official Full Name	glucose-6-phosphate dehydrogenase
NCBI Official Synonym Full Names	glucose-6-phosphate dehydrogenase
NCBI Official Symbol	G6PD
NCBI Official Synonym Symbols	G6PD1
NCBI Protein Information	glucose-6-phosphate 1-dehydrogenase
UniProt Protein Name	Glucose-6-phosphate 1-dehydrogenase
UniProt Gene Name	G6PD
UniProt Synonym Gene Names	G6PD
UniProt Entry Name	G6PD_HUMAN

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-clia-kits/g6pd-glucose-6-phosphate-dehydrogenase/171291>