

Monkey Glucose 6 Phosphate Dehydrogenase ELISA Kit | G6PD elisa kit

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CATALOG #
AAA90625

REACTIVITY
Monkey

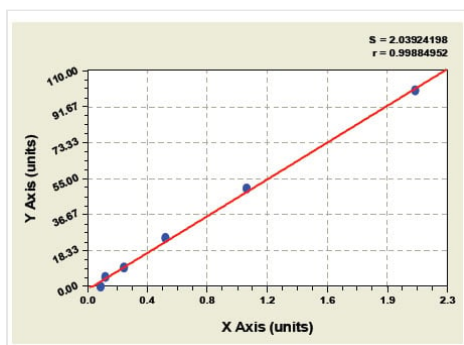
PRODUCT SYNONYMS

Glucose 6 Phosphate Dehydrogenase; Monkey Glucose 6 Phosphate Dehydrogenase ELISA Kit; G6PD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	5.0-100ug/mL
Sensitivity	1.0ug/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for G6PD elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This G6PD ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey G6PD. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY G6PD ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for G6PD. Standards or samples are then added to the microtiter plate wells and G6PD if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of G6PD present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for G6PD are added to each well to “sandwich” the G6PD immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain G6PD and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The G6PD concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	3021532
UniProt Accession #	O65856
Molecular Weight	66,801 Da
NCBI Official Full Name	glucose-6-phosphate dehydrogenase
UniProt Protein Name	Glucose-6-phosphate 1-dehydrogenase
UniProt Entry Name	O65856_TOBAC

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/g6pd-monkey-elisa-kits/glucose-6-phosphate-dehydrogenase/90625>