

Goat Anti Leuconostoc Mesenteroides Glucose-6-Phosphate Dehydrogenase Polyclonal Antibody

DPBT-68181GL Goat(G6PD)

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Goat Anti LEUCONOSTOC MESENTEROIDES GLUCOSE-6-PHOSPHATE DEHYDROGENASE
Immunogen	Glucose-6-Phosphate Dehydrogenase from Leuconostoc mesenteroides
Host	Goat
Isotype	Polyclonal IgG
Species	Bacterial
Conjugation	Ig Fraction
Applications	ELISA, WB
Dilution	ELISA: 1/1000 - 1/5000

PACKAGING

Format	Ig fraction - liquid
Protein Concentration	5.0mg/ml
Buffer	Phosphate buffered saline
Storage	Store at +4 °C or at -20 °C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Preservative	0.09% Sodium Azide (NaN ₃)
Shelf Life	18 months from date of despatch.

BACKGROUND

Introduction	Defects in G6PD are the cause of chronic non-spherocytic hemolytic anemia (CNSHA) [MIM:305900]. Deficiency of G6PD is associated with hemolytic anemia in two different situations. First, in areas in which malaria has been endemic, G6PD-deficiency alleles have reached high frequencies (1% to 50%) and deficient individuals, though essentially asymptomatic in the steady state, have a high risk of acute hemolytic attacks. Secondly, sporadic cases of G6PD deficiency occur at a very low frequencies, and they usually present a more severe phenotype. Several types of CNSHA are recognized. Class-I variants are associated with severe NSHA; class-II have an activity <10% of normal; class-III have an activity of 10% to 60% of normal; class-IV have near normal activity.
Keywords	Glucose-6-Phos; Glucose-6-Phos. Dehydrog; Glucose-6-Phosphate Dehydrogenase; Glucose 6 Phosphate Dehydrogenase; G6PD1; glucose-6-phosphate 1-dehydrogenase; OTTHUMP00000026034; OTTHUMP00000026039; OTTHUMP000000196180; glucose-6-phosphate dehydrogenase, G6PD