

**Anti-GLUCOSE DEHYDROGENASE (GOAT) Antibody Peroxidase Conjugated**  
**Glucose Dehydrogenase Antibody Peroxidase Conjugated**  
**Catalog # ASR3994**

**Specification**

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**Anti-GLUCOSE DEHYDROGENASE (GOAT) Antibody Peroxidase Conjugated - Product Information**

Host	Goat
Conjugate	Peroxidase (Horseradish)
Target Species	Bacillus
Clonality	Polyclonal
Application	WB, E, I, LCI
Application Note	Anti-Glucose Dehydrogenase has been assayed against 1.0 µg of Glucose Dehydrogenase [Bacillus] in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:1,000 to 1:3,000 of the reconstitution concentration is suggested for this product.
Physical State	Lyophilized
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Immunogen	Glucose Dehydrogenase [Bacillus]
Reconstitution Volume	100 µL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!

**Anti-GLUCOSE DEHYDROGENASE (GOAT) Antibody Peroxidase Conjugated - Additional Information**

**Other Names**  
8985276

**Purity**

Glucose Dehydrogenase is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum as well as purified and partially purified Glucose Dehydrogenase [Bacillus]. Cross reactivity against Glucose Dehydrogenase from other sources is unknown.

**Storage Condition**

Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C

or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

**Precautions Note**

This product is for research use only and is not intended for therapeutic or diagnostic applications.

**Anti-GLUCOSE DEHYDROGENASE (GOAT) Antibody Peroxidase Conjugated - Protein Information**

**Name** gdhB

**Anti-GLUCOSE DEHYDROGENASE (GOAT) Antibody Peroxidase Conjugated - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-GLUCOSE DEHYDROGENASE (GOAT) Antibody Peroxidase Conjugated - Images****Anti-GLUCOSE DEHYDROGENASE (GOAT) Antibody Peroxidase Conjugated - Background**

Glucose Dehydrogenase belongs to the family of oxidoreductases, specifically those acting on the CH-OH group of donor with NAD<sup>+</sup> or NADP<sup>+</sup> as acceptor.