

Anti-GLUCOSE OXIDASE (SHEEP) Antibody - 100-6137
Code: 100-6137

Size: 2 mL

Product Description: Anti-GLUCOSE OXIDASE (SHEEP) Antibody - 100-6137

Concentration: 90 mg/mL by Refractometry

PhysicalState: Lyophilized

Label	Unconjugated
Host	Sheep
Gene Name	gox
Species Reactivity	Aspergillus niger
Buffer	0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Reconstitution Volume	2.0 mL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	None
Preservative	None
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.
Synonyms	sheep anti-Glucose Oxidase Antibody, Beta D Glucose Oxygen 1 Oxido Reductase antibody, Glucose oxidase (Precursor) antibody, Glucose Oxyhydrase antibody, GOD antibody
Application Note	This product has been assayed against 1.0 ug of Glucose Oxidase [Aspergillus niger] in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Sheep IgG [H&L] (Sheep) code #611-1302 and (ABTS (2,2'-azino-bis-[3-ethylbenzothiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:1,000 to 1:5,000 of the reconstitution concentration is suggested for this product.
Background	Glucose Oxidase enzyme is widely applied for the determination of glucose in body fluids and in removing residual glucose or oxygen from foods and beverages. Furthermore, glucose oxidase-producing molds such as aspergillus and penicillium species are used for the biological production of gluconic acid.
Purity And Specificity	This product was prepared from monospecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-sheep serum, purified and partially purified Glucose Oxidase [Aspergillus niger]. Cross reactivity against Glucose Oxidase from other tissues and species may occur but have not been specifically determined.
ELISA	1:5,000 - 1:25,000
Western Blot	1:500 - 1:3,000
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	Glucose Oxidase [Aspergillus niger]

Related Products

100-1137	Anti-GLUCOSE OXIDASE (GOAT) Antibody - 100-1137
100-4137	Anti-GLUCOSE OXIDASE (RABBIT) Antibody - 100-4137
200-101-037	Anti-GLUCOSE OXIDASE (GOAT) Antibody - 200-101-037
200-101-037S	Anti-GLUCOSE OXIDASE (GOAT) Antibody - 200-101-037S

Related Links

UniProtKB - P13006

<http://www.uniprot.org/uniprot/P13006>

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