



Datasheet for ABIN964126

Biotin Protein (Glucose Oxidase)



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1 Image

Overview

Quantity:	5 mg
Target:	Biotin
Origin:	Chemical
Source:	Synthetic
Purification tag / Conjugate:	This Biotin protein is labelled with Glucose Oxidase.
Application:	ELISA, Western Blotting (WB)

Product Details

Specificity:	Biotin Glucose Oxidase Conjugated was prepared from chromatographically purified biotin. Biotin Glucose Oxidase Conjugated assayed by immunoelectrophoresis resulted in a single precipitin arc against anti-Glucose Oxidase and anti-Biotin.
Sterility:	Sterile filtered

Target Details

Target:	Biotin
Abstract:	Biotin Products
Target Type:	Chemical
Background:	Biotin is a small biomolecule important for many cellular processes. Most importantly for biotechnology applications, Biotin is amenable to conjugation to proteins for use in biochemical assays. Biotin has a very strong affinity for avidin and streptavidin

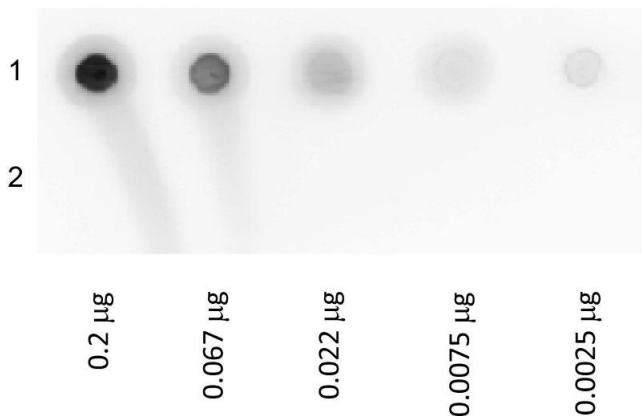
Application Details

Application Notes:	Biotin Glucose Oxidase Conjugated can be utilized in ELISA and Western Blotting experiments where the assay's target of interest is coupled with streptavidin.
Comment:	Biotin Glucose Oxidase Conjugated can be utilized in ELISA and Western Blotting experiments where the assay's target of interest is coupled with streptavidin.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitution Buffer: Restore with deionized water (or equivalent), Reconstitution Volume: 5.0 mL
Concentration:	1.0 mg/mL
Buffer:	0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Storage:	4 °C
Expiry Date:	12 months

Images



Dot Blot

Image 1. Dot Blot of BIOTIN GLUCOSE OXIDASE Conjugated. Lane 1: Biotin Conjugated Glucose Oxidase. Lane 2: Glucose Oxidase. Load: 3-fold serial dilution starting at 200 ng. Primary Antibody: None. Secondary antibody: HRP Streptavidin at 1:40,000 for 30 min at RT. Block: 1% BSA-TTBS 30 min at RT.