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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	OORA00148
Product Page	www.avivasysbio.com/biotin-glucose-oxidase-conjugated-oora00148.html
Name	Biotin Glucose Oxidase Conjugated (OORA00148)
Molecular Weight	455
Conjugation	Biotin
Concentration	1 mg/ml
Alias Symbols	Biotin Glucose Oxidase Conjugation, Glucose Oxidase Conjugated Biotin, Biotin conjugated Glucose Oxidase
Product Format	Lyophilized 0.01M Sodium Phosphate, 0.15M Sodium Chloride (pH 7.2)
Description of Target	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; an attraction that is the strongest and most stable non-covalent interaction known. Glucose oxidase is an enzyme that drives the oxidation of glucose into hydrogen peroxide and D-glucono-d-lactone. This activity is utilized in biotechnology through colorimetric detection assays that are sensitive to the amount of hydrogen peroxide produced. Biotin Glucose Oxidase Conjugated is ideal for investigators involved in Cancer, Cell Signaling, Neuroscience, and Cell Biology research.
Reconstitution and Storage	Restore with 5.0 mL deionized water (or equivalent). 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 is not completely clear after standing at room temperature. Expiration date is one year from date of receipt. Stable for several weeks at 4°C as an undiluted liquid. Dilute only prior to immediate use.
Datasheets/Manuals	Printable datasheet for OORA00148
Specificity	Biotin Glucose Oxidase Conjugated assayed by immunoelectrophoresis resulted in a single precipitin arc against anti-Glucose Oxidase and anti-Biotin.
Additional Information	Conjugation Chemistry: N-hydroxysuccinimide (NHS) ester.
Application Info	Biotin Glucose Oxidase Conjugated can be utilized in ELISA and Western Blotting experiments where the assay's target of interest is coupled with streptavidin. All assays should be optimized by the user. Recommended dilutions are listed below: ELISA: 1:8,000 - 1:32,000 WB: 1:500 - 1:2,500 IHC: 1:200 - 1:1,000
Purification	Biotin Glucose Oxidase Conjugated was prepared from chromatographically purified biotin.
Application	DB, ELISA, IHC, WB

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This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com