



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	OORA00149
Product Page	www.avivasysbio.com/biotin-beta-galactosidase-conjugated-oora00149.html
Name	BIOTIN BETA GALACTOSIDASE Conjugated (OORA00149)
Molecular Weight	455
Conjugation	Biotin
Concentration	1 mg/ml
Alias Symbols	Vitamin H, Coenzyme R, Vitamin B7, beta-galactosidase, beta-gal, Biotin Beta Galactosidase Conjugated, Biotin Beta Gal Conjugated
Product Format	Liquid 0.05M Potassium Phosphate, 0.001M Magnesium Chloride, 0.1M Beta-Mercaptoethanol (pH 7.8)
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. Beta-galactosidase (beta-gal; beta-gal) is an enzyme that hydrolyzes beta-galactosides (such as lactose and various glycoproteins) into simple sugars. Beta-galactosidase is routinely used as a reporter in biochemical experiments as well as a marker for gene expression experiments in E. coli. Beta-galactosidase can be used to cleave the chemical X-gal that forms an intense blue product that can easily be quantified.
Reconstitution and Storage	Store vial at 4°C before opening. DO NOT FREEZE. This product is stable at 4°C as an undiluted liquid. Dilute only prior to immediate use. Freezing Beta Galactosidase conjugates will result in a substantial loss of enzymatic activity. Expiration: Expiration date is one (1) year from date of opening product.
Datasheets/Manuals	Printable datasheet for OORA00149
Specificity	Biotin Beta Galactosidase assayed by immunoelectrophoresis resulted in a single precipitin arc against anti-Beta Galactosidase (E.coli) and anti-Biotin.
Application Info	ELISA: 1:8000~32000 WB: 1:500~2500 IHC: 1:200~1000 Biotin Beta Galactosidase Conjugated has been tested by ELISA and dot blot and is assayed against 1.0 ug of Streptavidin in a standard capture ELISA using pNPP p-nitrophenyl phosphate code as a substrate for 30 minutes at room temperature. A working dilution of 1:1,000 to 1:3,000 is suggested for Biotin Beta Galactosidase Conjugated.
Purification	Biotin Beta Galactosidase Conjugated was prepared from electrophoretically pure Beta Galactosidase and Biotin.
Predicted Species Reactivity	Biotin
Application	DB, FC, FLISA, IF

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

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.