

Product Datasheet

Beta galactosidase (orb348746)

Description

Biotin Beta Galactosidase Conjugated

Conjugation

Biotin

Tested

DOT, ELISA, IHC, WB

Applications
Preservatives

0.05 M Potassium Phosphate, 0.001M Magnesium Chloride, 0.1M Beta-Mercaptoethanol; pH 7.8

Form/Appearance

Liquid (sterile filtered)

Concentration

1.0 mg/mL

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 date is one (1) year from date of opening product.

Note

For research use only

Application notes

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 # NPP-10 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.

Purity

Biotin Beta Galactosidase Conjugated was prepared from electrophoretically pure Beta Galactosidase and Biotin. Biotin Beta Galactosidase assayed by immunoelectrophoresis resulted in a single precipitin arc against anti-Beta Galactosidase (E.coli) and anti-Biotin.

Hazard
Information

Non-Toxic

Dilution Range

ELISA: 1:8,000 - 1:32,000, IHC: 1:200 - 1:1,000, WB: 1:500 - 1:2,500

Expiration Date

12 months from date of receipt.