

Certificate of Analysis



Product Identification

Catalog number HB1881
Compound name NBT/BCIP Stock Solution
Chemical names 5-Bromo-4-chloro-3-indolyl phosphate disodium salt and 2,2-bis(4-Nitrophenyl)-5,5-diphenyl-3,3-(3,3-dimethoxy-4,4-diphenylene)ditetrazolium chloride
Batch number E1191-1-1

Chemical Structure

Method

QC requirement

QC Result

Biological testing	Histoblot using alkaline phosphatase conjugated antibody	Meets specification: Conforms (image below)
Physical appearance	Orange to brown liquid	Meets specification: Orange liquid
Clarity	Solution is free from insoluble particles	Meets specification

Biological validation



Figure 1. Histoblot for NeuN in rat brain using NBT/BCIP for detection. NBT/BCIP is a substrate for alkaline phosphatase conjugated antibodies producing a purple precipitate enabling the visualisation of targeted proteins. NBT/BCIP from Hello Bio enables the visualisation of neurones in rat brain using histoblotting. For more details please see #Protocol 1.

Produced by

Signature

Passed by

Signature

Date

01/12/2023

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.