



# BioFX™ BCIP/NBT Purple One Component

## AP Membrane Substrate

Product insert

### Product number:

BCID-0100-01 (100 mL)  
BCID-1000-01 (1000 mL)  
Custom Sizes Available

### Product use:

BioFX™ BCIP/NBT Purple One Component AP Membrane Substrate contains 5-bromo-4-chloro-3-indolyl phosphate and nitroblue tetrazolium. The substrate is a ready to use solution. Unreacted substrate should be colorless to light yellow in appearance. When this substrate system is reacted with alkaline phosphatase, an insoluble permanent dark purple reaction product is obtained.

### Product stability and storage:

Product stability	3 years from date of manufacture.
Storage temperature	2-25°C

### Recommendations for use:

This product should be allowed to equilibrate to room temperature (25°C) prior to use.

- 1) Use enough substrate solution to completely cover the membrane surface.
- 2) Rinse the membrane with distilled water to stop the reaction.
- 3) The reaction should be monitored and read before background color becomes too intense resulting in diminished contrast between positive and background staining.

### Additional considerations:

Dilution of the substrate is not recommended. It is recommended that the antibodies or conjugates be diluted to reduce the intensity of the reaction.

For technical assistance, email [ivdtechsupport@surmodics.com](mailto:ivdtechsupport@surmodics.com)

### Related products:

<b>In-Solution Protein Stabilizers &amp; Diluents:</b>
StabilZyme™ AP Stabilizer (SA01)
StabilZyme™ Protein Free AP Stabilizer (SAPF)
Surmodics™ Assay Diluent (Protein-Free) (SM01)
MatrixGuard™ Assay Diluent (SM02)
<b>Blockers/Stabilizers:</b>
StabilGuard™ Immunoassay Stabilizer-BSA-Free (SG01)
StabilCoat™ Immunoassay Stabilizer (SC01)
StabilBlock™ Immunoassay Stabilizer (ST01)
StabilBlot™ Protein-Free Blocker (SB01)
StabilBlot™ Milk Blocker – 10X (SB04)
StabilBlot™ Casein Blocker – 5X (SB05)



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<b>Substrates:</b>
BioFX™ Chemiluminescent Ultra Sensitive AP Microwell/Membrane Substrate (450 nm) (APU4)
BioFX™ AP Yellow One Component Microwell Substrate (pNPP)
BioFX™ Stabilizing Pellets for PNPS (STAB)
BioFX™ BCIP/NBT Blue One Component AP Membrane Substrate (BCIB)

Products distributed by



DIARECT GmbH  
Bötzingen Str. 29 B  
79111 Freiburg  
Germany

Tel. +49 (0) 761 47979-0  
Fax +49 (0) 761 47979 -29

[www.bbisolutions.com](http://www.bbisolutions.com)  
[orders-dia@bbisolutions.com](mailto:orders-dia@bbisolutions.com)  
[info-dia@bbisolutions.com](mailto:info-dia@bbisolutions.com)

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