

DATASHEET

Biotin Tyramide Signal Amplification Kit - Janelia Fluor® 549

Product overview

Name	Biotin Tyramide Signal Amplification Kit - Janelia Fluor® 549
Cat No	HB16587
Biological description	Biotin Tyramide Signal Amplification Kit – Janelia Fluor® 549 enables immunofluorescent detection of low abundance targets with a bright and photostable fluorophore. Biotin Tyramide Signal Amplification Kits enhance signal through deposition of biotin tyramide on neighbouring molecules. Janelia Fluor® 549 detects biotin with extremely high affinity, resulting in increased sensitivity and signal detection. Janelia Fluor® 549 and the other members of the Janelia Fluor® family are bright and highly photostable fluorophores particularly suited for super resolution imaging such as dSTORM and STED.

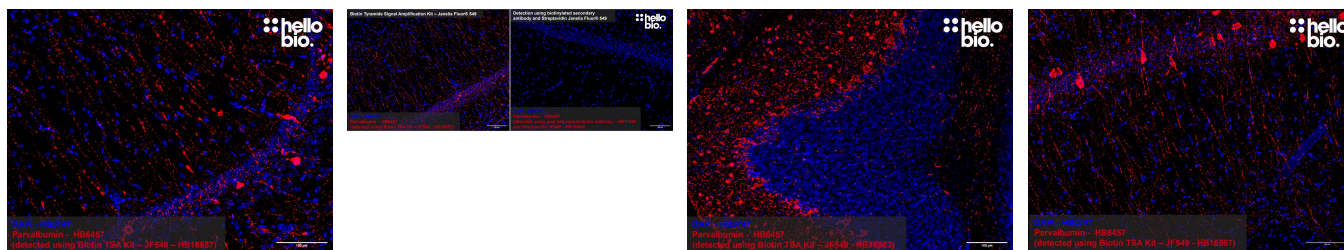
This kit provides the reagents for 100 x 1mL reactions, with a protocol that can easily be adapted for immunohistochemistry (IHC), immunocytochemistry (ICC) and in situ hybridisation (ISH).

Key features:

- Janelia Fluor® 549 Streptavidin for detection (Ex: 552nm, Em: 579nm)
- Bright and photostable signal for repeated imaging
- Enhanced signal of hard-to-detect targets
- Reduced primary antibody use
- Suited for IHC(IF), ICC, FISH
- Suitable for super resolution imaging

Applications Description	fluorescence imaging, ICC, IHC(IF) Immunofluorescent signal amplification kit using biotin tyramide and Streptavidin Janelia Fluor® 549.
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Images



Biological Data

Application notes	Biotin Tyramide Signal Amplification Protocol
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Please follow [this link](#) to the amplification protocol.

Solubility & Handling

Storage instructions
Reconstitution advice

-20°C