

DATASHEET

Biotin Tyramide Signal Amplification Kit - AF488

Product overview

Name	Biotin Tyramide Signal Amplification Kit - AF488
Cat No	HB18560
Biological description	Biotin Tyramide Signal Amplification Kit – AF488 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. Streptavidin AF488 detects biotin with extremely high affinity, resulting in increased sensitivity and signal detection.

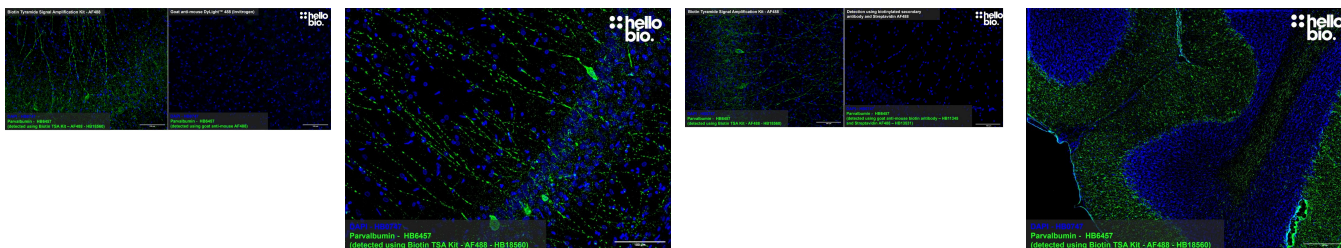
This kit provides the reagents for 100 x 1mL reactions, with a protocol that can easily be adapted for immunohistochemistry (IHC), immunocytochemistry (ICC) and in situ hybridisation (ISH).

Key features:

- AF488 streptavidin for detection (Ex: 498nm, Em: 525nm)
- Bright and photostable signal for repeated imaging
- Enhanced signal of hard-to-detect targets
- Reduced primary antibody use
- Suited for IHC(IF), ICC, FISH

Applications Description	fluorescence imaging, ICC, IF, IHC(IF) Immunofluorescent signal amplification kit using biotin tyramide and Streptavidin AF488.
---------------------------------	--

Images



Biological Data

Application notes	Biotin Tyramide Signal Amplification Protocol
--------------------------	--

Please follow [this link](#) to the amplification protocol.

Solubility & Handling

Storage instructions	-20 °C
Reconstitution advice	