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## DATASHEET

### Biotin Tyramide Signal Amplification Kit - AF488

#### Product overview

<b>Name</b>	Biotin Tyramide Signal Amplification Kit - AF488
<b>Cat No</b>	HB18560
<b>Biological description</b>	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.

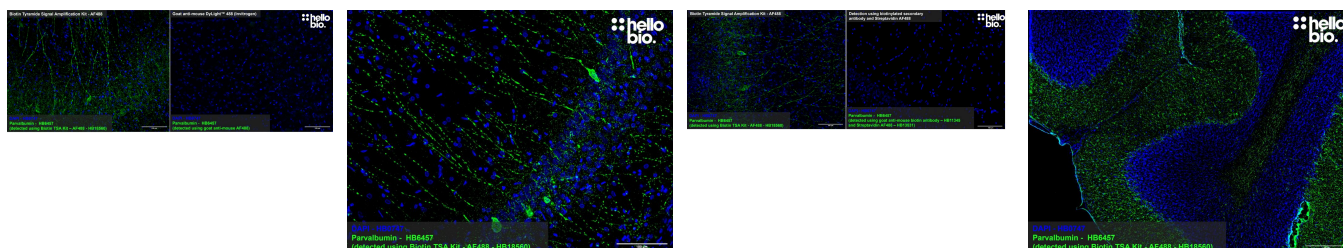
This kit provides the reagents for 100 x 1mL reactions, with a protocol that can easily be adapted for immunohistochemistry (IHC), immunocytochemistry (ICC) and in situ hybridisation (ISH).

Key features:

- Streptavidin AF488 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

<b>Applications Description</b>	fluorescence imaging, ICC, IF, IHC(IF) Immunofluorescent signal amplification kit using biotin tyramide and Streptavidin AF488.
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#### Images



#### Biological Data

<b>Application notes</b>	<b>Biotin Tyramide Signal Amplification Protocol</b>
	Please follow <a href="#">this link</a> to the amplification protocol.

#### Solubility & Handling

<b>Storage instructions</b>	-20°C
<b>Reconstitution advice</b>	