
Product Data Sheet

② TNT 实验步骤

4. Streptavidin-FITC 实验

① TNB 实验步骤 HeLa 细胞 20 分钟

② TNB 实验步骤 1.0 μg/mL Streptavidin-FITC 实验 HeLa 细胞 30 分钟

③ TNT 实验步骤

5. 实验步骤

① 实验步骤 (DAPI) 10 μL 实验步骤

② 实验步骤 HeLa 细胞 24 小时 DAPI 实验步骤

③ 实验步骤 495nm/525nm (滤光片) 实验步骤

Background

Biotin-XX Tyramide Reagent is a biotin derivative for enzyme-mediated tyramide signal amplification (TSA). Biotin-XX Tyramide Reagent utilizes horseradish peroxidase (HRP) to catalyze the covalent deposition of a biotin label adjacent to an immobilized enzyme. The deposited label can be detected with a streptavidin conjugate for imaging under bright field or fluorescence microscopy. The labeling reaction is fast (less than 10 minutes) [1]. Biotin-XX Tyramide Reagent can be used to increase the sensitivity of immunohistochemistry [2].

References:

[1] Hopman AH, Ramaekers FC, Speel EJ. Rapid synthesis of biotin-, digoxigenin-, trinitrophenyl-, and fluorochrome-labeled tyramides and their application for In situ hybridization using CARD amplification. *J Histochem Cytochem.* 1998 Jun;46(6):771-7.

[2] Freedman LJ, Maddox MT. A comparison of anti-biotin and biotinylated anti-avidin double-bridge and biotinylated tyramide immunohistochemical amplification. *J Neurosci Methods.* 2001 Nov 15;112(1):43-9.

Caution: Product has not been fully validated for medical applications. For research use only.

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