

**Catalog Number** Q10171MP  
**Product Name** Qdot™ 800 streptavidin conjugate \*1 µM solution\*  
**Appearance** brown-black suspension  
**Medium** 1 M betaine, 50 mM borate, pH 8.3 with 0.05% sodium azide  
**Lot Number** 2866018

STORE AT 2 - 8°C, DO NOT FREEZE

	LOT DATA	SPECIFICATION
<b>ABSORBANCE</b> Concentration	0.9 µM	0.9 - 1.1 µM
<b>FLUORESCENCE</b> Emission Maximum Quantum Yield Full Width at Half Maximum	805 nm 54% 95 nm	795 ± 10 nm ≥16% ≤100 nm
<b>MICROSCOPY</b> Immunocytochemistry	meets specification	This product has been tested in a typical immunolabeling application in accordance with the Product Information Sheet. The product performed as expected.
<b>SPECIFIC ACTIVITY</b> Immunosorbent Assay Titration	meets specification	performs against a biotin-labeled substrate
<b>MISCELLANEOUS INFORMATION</b> Material Lot Number	2647890	n.a.



Zach Luedtke, Quality Assurance Manager  
18-Apr-2024

*Life Technologies Corporation certifies on the date above that this is an accurate record of the analysis of the subject lot, and that the data conform to the specifications in effect for this product at the time of analysis.  
Products are under warranty for one year from the date of shipment unless otherwise stated on this document or the product literature.*