

**Catalog Number** Q10101MP  
**Product Name** Qdot® 605 streptavidin conjugate 1 µM; VIVID® technology  
**CAS Number / Name** N/A  
**Molecular Formula** N/A  
**Appearance** orange suspension  
**Medium** 1 M betaine, 50 mM borate, pH 8.3 with 0.05% sodium azide  
**Lot Number** 2136780

STORE AT 2 - 8°C, DO NOT FREEZE

	LOT DATA	SPECIFICATION
<b>ABSORBANCE</b> Concentration	1.0 µM	0.9 - 1.1 µM
<b>FLUORESCENCE</b> Emission Maximum Quantum Yield Full Width at Half Maximum	609 nm 76% 27 nm	608 ± 4 nm ≥65% ≤30 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	2016907	n.a.



Rachel Smith, Quality Assurance Manager  
25-Jul-2018

*Life Technologies Corporation, on behalf of its Invitrogen business, Molecular Probes® labeling and detection technologies, 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.*