

**Catalog Number** Q10101MP  
**Product Name** Qdot® 605 streptavidin conjugate 1 µM; VIVID® technology  
**Appearance** orange suspension  
**Medium** 1 M betaine, 50 mM borate, pH 8.3 with 0.05% sodium azide  
**Lot Number** 2521034

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	608 nm	608 ± 4 nm
Quantum Yield	81 %	≥65%
Full Width at Half Maximum	28 nm	≤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	2539116	n.a.



Aaron Rider, Quality Control Supervisor  
15-Aug-2022

*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.*