

MOLECULAR PROBES®

CERTIFICATE OF ANALYSIS

Catalog Number Q10121MP
Product Name Qdot® 655 streptavidin conjugate *1 µM solution* *Qdot® 655 VIVID*
CAS Number / Name N/A
Molecular Formula N/A
Appearance red suspension
Medium 1 M betaine, 50 mM borate, pH 8.3 with 0.05% sodium azide
Lot Number 1705887

STORE AT 2 - 6°C, Protect From Light

	LOT DATA	SPECIFICATION
ABSORBANCE Concentration	1.0 µM	0.9 - 1.1 µM
FLUORESCENCE Emission Maximum Quantum Yield Full Width at Half Maximum	655 nm 77% 26 nm	655 ± 7 nm ≥44% ≤34 nm
MICROSCOPY 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.
SPECIFIC ACTIVITY Immunosorbent Assay Titration	meets specification	performs against a biotin-labeled substrate
MISCELLANEOUS INFORMATION Material Lot Number	1706690	n.a.

Rachel Smith, Ph.D., Quality Assurance

30-Apr-2015

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.