

Catalog Number Q21331MP
Product Name Qdot® 565 ITK™ carboxyl quantum dots *8 µM solution*
Appearance orange suspension
Medium 50mM borate, pH 9.0
Lot Number 2204410

STORE AT 4°C, DO NOT FREEZE

	LOT DATA	SPECIFICATION
ABSORBANCE Concentration	8.2 µM	7.5 - 8.5 µM
FLUORESCENCE Emission Maximum	565 nm	565 ± 4 nm
Quantum Yield	57%	≥47%
Full Width at Half Maximum	30 nm	≤34 nm
MISCELLANEOUS INFORMATION Material Lot Number	1854227	n.a.



Rachel Smith, Quality Assurance Manager
 11-Jan-2019

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.