

Catalog Number Q10171MP
Product Name Qdot® 800 streptavidin conjugate *1 µM solution*
Appearance brown suspension
Medium 1 M betaine, 50 mM borate, pH 8.3 with 0.05% sodium azide
Lot Number 2433856

STORE AT 2 - 8°C, DO NOT FREEZE

| | LOT DATA | SPECIFICATION |
|--|-------------------------|---|
| ABSORBANCE Concentration | 1.0 µM | 0.9 - 1.1 µM |
| FLUORESCENCE Emission Maximum Quantum Yield Full Width at Half Maximum | 794 nm 60 % 92 nm | 795 ± 10 nm ≥16% ≤100 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 | 2433857 | n.a. |



Aaron Rider, Quality Control Supervisor
3-Oct-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.