

**Catalog Number** Q22063  
**Product Name** Qdot® 625 streptavidin conjugate, 1 µM solution VIVID® technology  
**Appearance** orange suspension  
**Medium** 50 mM borate buffer, pH 8.3  
**Lot Number** 2038510

|                                                                                        | LOT DATA               | SPECIFICATION                               |
|----------------------------------------------------------------------------------------|------------------------|---------------------------------------------|
| <b>ABSORBANCE</b><br>Concentration                                                     | 1.1 µM                 | 0.9 - 1.1 µM                                |
| <b>FLUORESCENCE</b><br>Emission Maximum<br>Quantum Yield<br>Full Width at Half Maximum | 622 nm<br>71%<br>25 nm | 625 ± 4 nm<br>≥54%<br>≤33 nm                |
| <b>SPECIFIC ACTIVITY</b><br>Immunosorbent Assay Titration                              | meets specification    | performs against a biotin-labeled substrate |
| <b>MISCELLANEOUS INFORMATION</b><br>Material Lot Number                                | 1903106                | n.a.                                        |



Rachel Smith, Quality Assurance Manager  
26-Jun-2017

*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.*