

Catalog Number S21384
Product Name streptavidin, Alexa Fluor™ 750 conjugate
Appearance blue solid
Lot Number 3034143

Small variation in color is possible, but should not affect product performance.

| | LOT DATA | SPECIFICATION |
|-------------------------------------|---------------------|--------------------------------------|
| ABSORPTION | | |
| Maximum | 754 nm | 755 ± 5 nm |
| Degree of Labeling ¹ | 3 | 2 – 3 |
| FLUORESCENCE | | |
| Emission Maximum | 772 nm | 772 ± 5 nm |
| Relative Quantum Yield ² | 8.6 | ≥ 2.5 |
| MICROSCOPY | | |
| Immunocytochemistry ³ | meets specification | good staining, negligible background |
| PURITY⁴ | | |
| TLC | meets specification | negligible or no free dye detected |

1. Moles of dye per mole of protein, determined using an ϵ of 270,000 cm⁻¹M⁻¹ at the absorption maximum

2. Quantum yield determined relative to IR 125

3. Cell staining performed using a primary antibody specific for cell type and isotype, and this product

4. Solvent: 80% acetonitrile/20% water



Zach Luedtke, Quality Assurance Manager
16-Dec-2024

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.

Products are under warranty for one year from the date of shipment unless otherwise stated on this document or the product literature.