

Catalog Number Z25055
Product Name Zenon® R-Phycoerythrin Mouse IgG₁ Labeling Kit *25 labelings*
Lot Number 2018256

	LOT DATA	SPECIFICATION
ABSORPTION ¹ Maximum	566 nm	566 ± 5 nm
ACTIVITY TEST ¹ HPLC ²	meets specification	formation of complex with isotype-specific mouse IgG
FLUORESCENCE ¹ Emission Maximum Relative Quantum Yield ³	575 nm 3.0	575 ± 5 nm ≥ 2.0
IMMUNOCYTOCHEMISTRY ¹ Flow Cytometry	meets specification	expected surface staining pattern human lymphocytes using an appropriate primary antibody
PURITY ¹ HPLC ²	meets specification	≥90%

1. For Component A alone
2. HPLC performed using a Biosep S-3000 column.
3. Quantum yield determined relative to rhodamine 504.



Rachel Smith, Quality Assurance Manager
25-Sep-2018

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.