

Catalog Number Z25151
Product Name Zenon® Allophycocyanin Mouse IgG_{2a} Labeling Kit *25 labelings*
Lot Number 2161045

	LOT DATA	SPECIFICATION
ABSORPTION¹ Maximum	652 nm	651 ± 5 nm
ACTIVITY TEST¹ HPLC ²	meets specification	formation of complex with isotype-specific mouse IgG
FLUORESCENCE¹ Emission Maximum Relative Quantum Yield ³	661 nm 2.5	661 ± 5 nm ≥ 2.0
IMMUNOCYTOCHEMISTRY¹ Flow Cytometry	meets specification	expected surface staining of human lymphocytes using an appropriate primary antibody
PURITY¹ HPLC ²	meets specification	≥75%

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



Rachel Smith, Quality Assurance Manager
 14-Jan-2020

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.