

Catalog Number L11270
Product Name lectin PHA-L from *Phaseolus vulgaris* (red kidney bean), Alexa Fluor™ 488 conjugate
Appearance yellow solid
Lot Number 2911307

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

	LOT DATA	SPECIFICATION
ABSORPTION		
Maximum	495 nm	496 ± 5 nm
Degree of Labeling ¹	6	4 – 7
FLUORESCENCE		
Emission Maximum	518 nm	521 ± 5 nm
Relative Quantum Yield ²	0.4	≥ 0.2
PURITY³		
TLC	meets specification	negligible or no free dye detected

1. Moles of dye per mole of protein, determined using an ϵ of 71,000 cm⁻¹M⁻¹ at the absorption maximum

2. Quantum yield determined relative to fluorescein at pH 8.0

3. Solvent: 80% acetonitrile/20% water



Zach Luedtke, Quality Assurance Manager
14-May-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.