

ReadiUse™ PE [R-Phycoerythrin] *Ammonium Sulfate-Free*

Catalog Number: 2500, 2501
Unit Size: 1 mg, 10 mg

Product Details

Storage Conditions	Refrigerated (2-8 °C), Minimize light exposure
Expiration Date	12 months upon receiving

Chemical Properties

Appearance	Powder red
Molecular Weight	~240000
Soluble In	Water (Add 100 µL of H ₂ O to Cat# 2500 or 1 mL to Cat# 2501 to reconstitute to 10 mg/mL in PBS)

Spectral Properties

Excitation Wavelength	565 nm
Emission Wavelength	574 nm

Applications

R-Phycoerythrin (PE) is isolated from red algae. Its primary absorption peak is at 565 nm with secondary peaks at 496 and 545 nm. All the commercial PE materials are sold in concentrated ammonium sulfate buffers. The commercial PE materials from other vendors require the tedious dialysis or other purifications performed before it can be used for labeling purposes. AAT Bioquest offers this ReadiUse™ PE that can be readily used for any labelings without any purifications required. Our highly purified ReadiUse™ PE facilitates the rapid PE conjugations to antibodies and other proteins such as streptavidin and other secondary reagents.