

**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)
Expiration Date	12 months upon receiving

Chemical Properties

Appearance	Solid
Molecular Weight	~240000
Soluble In	Water

Spectral Properties

Excitation Wavelength	566 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.