



TECHNICAL MANUAL

PE (R-Phycoerythrin)

- **SKU CODE:** AKES116
- **SIZE:** 1mg
- **DETECTION PRINCIPLE:** Assay Kit
- **RUO:** Research-Use-Only

1. Technical Information

PE (R-Phycoerythrin) is a phycobiliprotein purified from a species of red algae. It has an $(\alpha\beta)6\gamma$ subunit structure. PE (R-Phycoerythrin) is supplied in 100 mM potassium phosphate buffer, pH 7.0 with 60% saturated $(\text{NH}_4)_2\text{SO}_4$, 1 mM EDTA and 1 mM sodium azide.

Form: Liquid

Molecular Weight: 240 kDa

Absorption Maximum: 566 nm

Emission Maximum: 575 nm

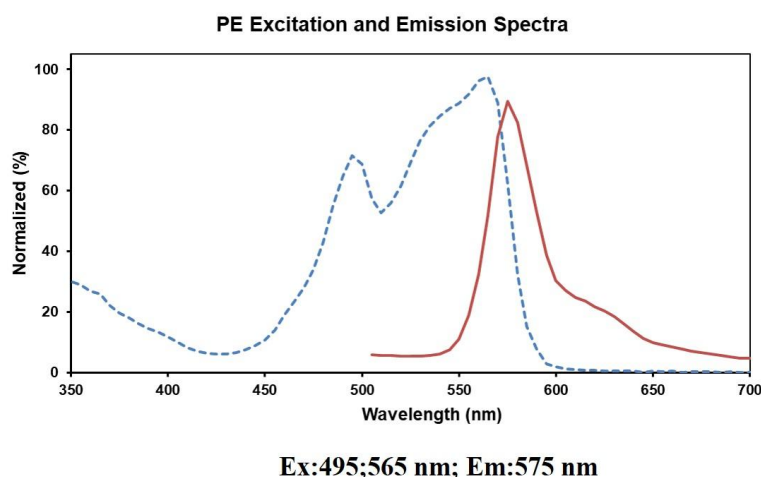
Extinction Coefficient: $1.96 \times 10^6 \text{ cm}^{-1} \text{ M}^{-1}$

Quantum Yield: 0.84

2. Instruction

Mix PE (R-Phycoerythrin) thoroughly until no precipitate is observed to obtain a homogeneous solution. Further remove all remaining ammonium sulfate and perform buffer exchange to the conjugation buffer.

3. Spectra



4. Shipping & Storage Information

Storage: This product can be stored at 2-8°C for 12 months with protection from light. Do not freeze.

Shipping: Ice bag

Note

Assay Genie 100% money-back guarantee!

If you are not satisfied with the quality of our products and our technical team cannot resolve your problem, we will give you 100% of your money back.



Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.