

CERTIFICATE OF ANALYSIS

PRODUCT NAME: PHYCOLINK® STREPTAVIDIN R-PHYCOERYTHRIN
 PRODUCT CODE: PJRS25
 LOT NUMBER: 745 025
 BUFFER: 10 mM Tris-HCl, 150 mM NaCl (pH 8.2)
 PRESERVATIVE: 1 µg/ml pentachlorophenol
 STORAGE: Store at 2 - 8°C in the dark. DO NOT FREEZE.

PhycoPro™ R-Phycoerythrin was conjugated to Streptavidin (*Streptomyces avidinii*). The conjugate has been purified to remove unreacted components in order to improve sensitivity and reduce non-specific binding. As a final step, the product was filtered using a 0.45 µm membrane and stored in a sterile container.

Quality Control

	Lot Value	Specification
Concentration ¹	2.15 mg/ml	2.10 ± 0.10 mg/ml
Streptavidin Concentration ¹	0.43 mg/ml	report only
RPE molarity ¹	7.2 µM	report only
Streptavidin Molarity ¹	8.2 µM	report only
% binding of A ₅₆₆ to biotin-agarose	100%	≥90%
A ₅₆₆ /A ₂₈₀	3.7	≥2.8

¹ Measured spectrophotometrically.

Authorized Signature