

CERTIFICATE OF ANALYSIS

PRODUCT NAME: PHYCOLINK® GOAT α-GST (Type 1) - ALLOPHYCOCYANIN
 PRODUCT CODE: PJ252p1
 ANTIBODY: Affinity-purified polyclonal goat α-GST antibody
 LOT NUMBER: 820 084
 FORMULATION: 10 mM Tris-HCl, 150 mM sodium chloride, pH 8.2
 PRESERVATIVE: 1 µg/ml pentachlorophenol
 STORAGE: Store at 2 - 8°C in the dark. DO NOT FREEZE.

ProZyme GT5™ Allophycocyanin (*Spirulina platensis*) was cross-linked and conjugated to the antibody. 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 0.45µm membrane and stored in a sterile container.

Quality Control

	Lot Value ¹	Specification ¹
Concentration ²	1.05 mg/ml	1.10 ± 0.10 mg/ml
APC Molarity ²	5.4 µM	report only
α-GST Molarity ²	3.3 µM	report only
% binding of A ₆₅₀ to GST-agarose	95%	≥80%
A ₆₅₀ /A ₂₈₀	2.7	report only
Apparent molecular weight (size exclusion chromatography)	400,000-500,000	report only

Authorized Signature

¹ Lot values and specifications are for original QC release.

² Measured spectrophotometrically.