



## 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: 820 083  
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.  
RE-ASSAY DATE: May 2018. Re-assay data available upon request.

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 <sup>1</sup>	Specification <sup>1</sup>
Concentration <sup>2</sup>	1.10 mg/ml	1.10 ± 0.10 mg/ml
APC Molarity <sup>2</sup>	5.7 µM	report only
α-GST Molarity <sup>2</sup>	3.4 µM	report only
% binding of A <sub>650</sub> to GST-agarose	93%	≥80%
A <sub>650</sub> /A <sub>280</sub>	2.7	report only
Apparent molecular weight (size exclusion chromatography)	400,000-500,000	report only

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Authorized Signature

<sup>1</sup> Lot values and specifications are for original QC release.

<sup>2</sup> Measured spectrophotometrically.