



CERTIFICATE OF ANALYSIS

PRODUCT NAME: GLYKO® α (2-6) SIALYLTRANSFERASE¹ (recombinant, human, expressed in HEK 293F)

PRODUCT CODE: GKT-S26

LOT NUMBER: 641 005-2

ENZYME FORMULATION: 50 mM MES, 200 mM NaCl (pH 6.0)

ENZYME FILL VOLUME: 26.3 μ l per vial

STORAGE: Store enzyme pack at -20°C. Avoid repeated freeze-thaw cycles of the enzyme as this decreases its efficacy. Dispense working aliquots of the enzyme (50 μ g) after initial thaw if not utilizing entire quantity.

SUGGESTIONS FOR USE: Available on our website at

http://www.prozyme.com/product_details.html?key=GKT-S26

COMPONENTS

Product Code & Name	Quantity/Kit	Lot No.
GKT-S26 α (2-6) Sialyltransferase (150 μ g)	1 each	641 005
WS0326 5x Reaction Buffer for GKT-S26 (1 ml) [250 mM Tris-Acetate (pH 7.5)]	1 each	W170251
WS0329 CMP-NANA ² (10 mg ³)	3 each	W180119

QUALITY CONTROL:

- 1) Enzyme Concentration: 5.7 μ g/ μ l (Specification: 5.5 $\pm$ 0.5 μ g/ μ l)
- 2) Enzyme Activity⁴: Passed (Specification: $\geq$ 400 U/ μ g)

Authorized Signature

- 1 Manufactured by Roche Diagnostics GmbH, Germany.
- 2 Sialic acid donor for transferase.
- 3 Determined by absorbance at 280 nm.
- 4 One unit of α (2-6) Sialyltransferase is defined as the amount of enzyme required to catalyze the release of 1 pmol of CMP from CMP-NANA at pH 7.5 and 37°C at an enzyme concentration of 10 μ g/ml.