

Glycans in Solution (Frozen)

Art. ID	NIST-3655
Unit	13 vials
Deliverydetails	Dry ice shipment /not restricted

Description

This Standard Reference Material (SRM) is intended primarily for use as a calibration standard for the measurement of enzymatically released N-linked glycans. Potential applications of SRM 3655 include the benchmarking and comparability of analytical techniques, as a material for ensuring system suitability, and for analytical method validation. This material may also be used to value-assign in-house calibrators or control materials. SRM 3655 consists of thirteen (13) aqueous solutions of glycans commonly associated with monoclonal antibody therapeutics. Each solution contains a purified free-reducing glycan at a known mass fraction. A unit of NIST-3655 consists of thirteen 0.5 mL vials each containing approximately 0.2 mL of solution, frozen. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Part A, Cap Color light yellow, Analyte: Glycan Symbol (SNFG Nomenclature)	G0		37,1 ± 0,4	µg/g		
Part A, Cap Color light yellow, Analyte: Glycan Symbol (SNFG Nomenclature)	G0		28,1 ± 0,4	µmol/L		
Part B, Cap Color black, Analyte: Glycan Symbol (SNFG Nomenclature)	G0F		40,6 ± 3,7	µg/g		
Part B, Cap Color black, Analyte: Glycan Symbol (SNFG Nomenclature)	G0F		27,7 ± 2,5	µmol/L		
Part C, Cap Color red, Analyte: Glycan Symbol (SNFG Nomenclature)	G1a		37,7 ± 1	µg/g		
Part C, Cap Color red, Analyte: Glycan Symbol (SNFG Nomenclature)	G1a		25,4 ± 0,7	µmol/L		
Part D, Cap Color blue, Analyte: Glycan Symbol (SNFG Nomenclature)	G1b		35,3 ± 1,3	µg/g		
Part D, Cap Color blue, Analyte: Glycan Symbol	G1b		23,8 ± 0,9	µmol/L		

(SNFG Nomenclature)			
Part E, Cap Color brown , Analyte: Glycan Symbol	G1aF	13,1 ± 0,3	µg/g
I (SNFG Nomenclature)			
Part E, Cap Color brown , Analyte: Glycan Symbol	G1aF	8 ± 0,2	µmol/L
I (SNFG Nomenclature)			
Part F, Cap Color pink, Analyte: Glycan Symbol	G2	33,6 ± 1,5	µg/g
(SNFG Nomenclature)			
Part F, Cap Color pink, Analyte: Glycan Symbol	G2	20,4 ± 0,9	µmol/L
(SNFG Nomenclature)			
Part G, Cap Color dark yellow, Analyte: Glycan Symbol (SNFG Nomenclature)	G2F	37 ± 4,8	µg/g
(SNFG Nomenclature)			
Part G, Cap Color dark yellow, Analyte: Glycan Symbol (SNFG Nomenclature)	G2F	20,7 ± 2,7	µmol/L
(SNFG Nomenclature)			
Part H, Cap Color orange, Analyte: Glycan Symbol	G2S1(6)	31,1 ± 3,3	µg/g
(SNFG Nomenclature)			
Part H, Cap Color orange, Analyte: Glycan Symbol	G2S1(6)	16,1 ± 1,7	µmol/L
(SNFG Nomenclature)			
Part I, Cap Color light green, Analyte: Glycan Symbol (SNFG Nomenclature)	G2S2(3)	31,9 ± 2,5	µg/g
(SNFG Nomenclature)			
Part I, Cap Color light green, Analyte: Glycan Symbol (SNFG Nomenclature)	G2S2(3)	14,3 ± 1,1	µmol/L
(SNFG Nomenclature)			
Part J, Cap Color dark green, Analyte: Glycan Symbol (SNFG Nomenclature)	G2S2(6)	22,7 ± 8,5	µg/g

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Part J, Cap Color dark green, Analyte: Glycan Symbol (SNFG Nomenclature)	G2S2(6)		10,2 ± 3,8	µmol/L
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Part K, Cap Color purple, Analyte: Glycan Symbol (SNFG Nomenclature)	G2FS1(6)		31,3 ± 2,3	µg/g
Part K, Cap Color purple, Analyte: Glycan Symbol (SNFG Nomenclature)	G2FS1(6)		15 ± 1,1	µmol/L
Part L, Cap Color clear, Analyte: Glycan Symbol (SNFG Nomenclature)	G2FS2(3)		29,9 ± 1,8	µg/g
Part L, Cap Color clear, Analyte: Glycan Symbol (SNFG Nomenclature)	G2FS2(3)		12,6 ± 0,8	µmol/L
Part M, Cap Color white, Analyte: Glycan Symbol (SNFG Nomenclature)	G2FS2(6)		29,3 ± 1,6	µg/g
Part M, Cap Color white, Analyte: Glycan Symbol (SNFG Nomenclature)	G2FS2(6)		12,3 ± 0,7	µmol/L