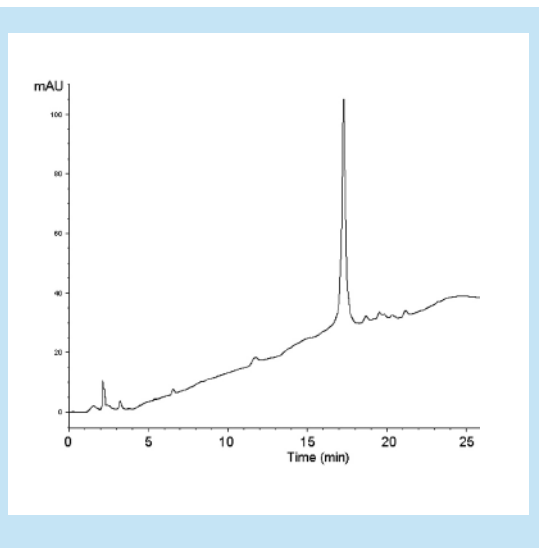




GlycoProtein Standard From Bovine Serum



Method Conditions

Column: Cogent Bidentate C8 300™ 5µm, 300Å.
Catalog No.: 40008-75P-3M
Dimensions: 4.6 x 75 mm
Solvents: A: DI water + 0.1% trifluoroacetic acid (TFA)
 B: acetonitrile + 0.1% TFA

Gradient:	Time (min)	%B
	0.0	15
	20.0	50
	25.0	50
	25.1	15

Post Time: 5 min
Flow Rate: 0.5 mL/min.
Sample Prep: 1. a1-acid-glycoprotein, bovine serum, 065K705 0.05% w/v in DI water.
Detection: UV 214 nm.
Injection: 1 microL

Discussion

High performance liquid chromatography (HPLC) is the method of choice for the analysis of proteins and glycoproteins. The figure shows a chromatogram analyzing a solution of bovine glycoprotein standard (Sigma). The method can be used for measuring relative and absolute contents of glycosylated proteins in plasma or urine samples. Quantitation of the individual glycoproteins is straightforward. The Cogent Bidentate C8 300 column is an excellent choice for gradient analysis **due to short equilibration time between runs** and repeatability (precision) of the results.

For more information visit www.MTC-USA.com

Cat. No.	Description
40008-75P-3M	Cogent Bidentate C8 column for Macro Molecules, 300A, 5µm, 4.6x75mm