

HPLC Application

ID No.: 16199

Jupiter[®] 300 C4 - PEGylation Reaction Time Course (Ribonuclease A)

Column: Jupiter[®] 5 μ m C4 300 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4167-E0

Elution Type: Gradient

Eluent A: 0.1% TFA in Water

Eluent B: 90% ACN 0.09% TFA in Water

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	80	20
	2	25	45	55

Flow Rate: 1 mL/min

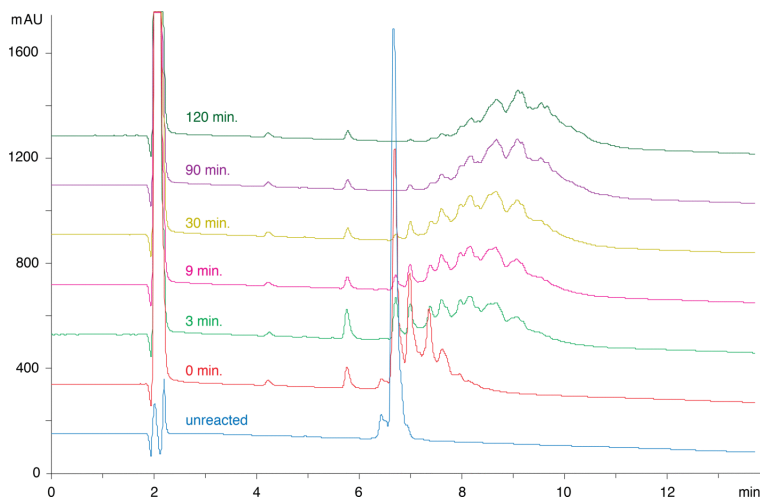
Col. Temp.: 45 °C

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 214 nm (ambient)

Analyst Note: PEGylation time course study of ribonuclease. Different time points from a PEGylation reaction of ribonuclease A were taken: unreacted, 3 min, 9 min, 30 min, 90 min, and 120 min. Note the increase of greater retaining PEGylation forms over time.



Products used in this application:



ANALYTES:

- 1 PEGylated Ribonuclease A

