HPLC ApplicationID No.: **18072**



Interferon Alpha digests reduced & non-red on Jupiter 3u C18

Jupiter® 3 µm C18 300 Å, LC Column 150 x 2 mm, Ea

150 x 2 mm ID **Dimensions:** Order No: 00F-4263-B0 Elution Type: Gradient

Eluent A: 0.1% TFA and 2% Acetonitrile in Water 0.085% TFA, 90% Acetonitrile in Water Eluent B:

Gradient	Step No.	Time (min)	Pct A	Pct B
Profile:	1	0	99	1
	2	35	50	50
	3	40	20	80

0.3 mL/min Flow Rate: Col. Temp.: 25 °C

Detection: UV-Vis Abs.-Diode Array (PDA) @ 214 nm (25 °C)

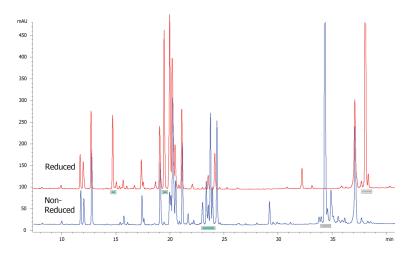
Application Focus: Using peptide mapping with Jupiter 300 3u C18 to identify disulfide bonds **Analyst Note:**

> Peptide mapping using different proteases is a good analytical method to screen PTMs of therapeutic proteins and is shown on Jupiter 300 3u C18 10.2 kDa protein containing two disulfide bonds (cys1-cys98; cys29-cys138) and was tryptic App ID 18072



Products used in this application:





ANALYTES:

- Reduced Interferon 1
- 2 Interferon

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