

# HPLC Application

ID No.: 16448

## Protein Mixture on Jupiter 5u C18 40°C

**Column:** Jupiter<sup>®</sup> 5 µm C18 300 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4053-E0

**Elution Type:** Gradient

**Eluent A:** 0.1% TFA and 5% Acetonitrile in Water

**Eluent B:** 0.08% TFA, 90% Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	80	20
	2	15	15	85

**Flow Rate:** 1 mL/min

**Col. Temp.:** 40 °C

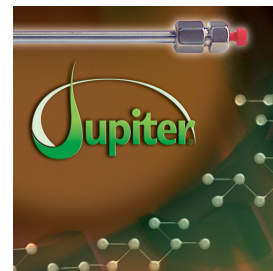
**Detection:** UV-Vis Abs.-Diode Array (PDA) @ 214 nm (40 °C)

**Analyst Note:** SecurityGuard<sup>™</sup> Guard Cartridge System extends column lifetime.

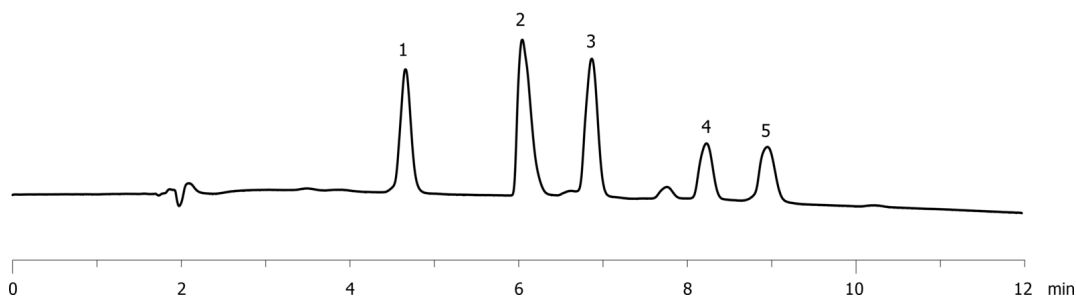
- SecurityGuard Cartridges, Widespore C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4321

- Holder Part No.: KJ0-4282

16448



Products used in this application:



### ANALYTES:

- 1** Ribonuclease A  
Retention Time: 4.67 min
- 2** Bovine Insulin  
Retention Time: 6.06 min
- 3** Lysozyme  
Retention Time: 6.89 min
- 4** Trypsin inhibitor  
Retention Time: 8.25 min
- 5** beta-Lactoglobulin A  
Retention Time: 8.98 min

