

# HPLC Application

ID No.: 16706

## Insulin on Gemini-NX 5u C18

**Column:** Gemini<sup>®</sup> 5  $\mu$ m NX-C18 110 Å, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4454-E0

**Elution Type:** Gradient

**Eluent A:** 0.1% TFA in Water

**Eluent B:** 0.1% TFA in Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	90	10
	2	3	90	10
	3	10	40	60
	4	15	40	60

**Flow Rate:** 1 mL/min

**Col. Temp.:** 28 °C

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

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

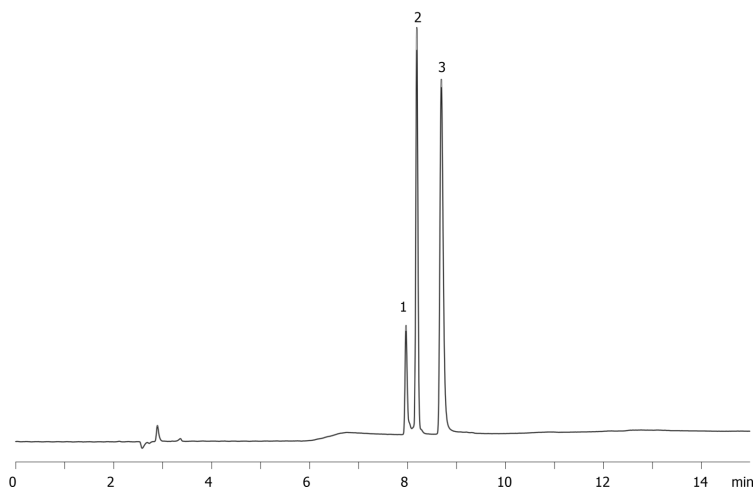
- SecurityGuard Cartridges, Gemini-NX C18 4 x 3.0mm, 10/Pk Part No.: AJ0-8368

- Holder Part No.: KJ0-4282

16706



Products used in this application:



### ANALYTES:

**1** Oxytocin

Retention Time: 7.966 min

**2** Angiotensin I

Retention Time: 8.188 min

**3** Insulin

Retention Time: 8.688 min

