

# HPLC Application

ID No.: 16288

## Steroid Mix (4) on Luna PFP(2)

**Column:** Luna® 5 µm PFP(2) 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4448-E0

**Elution Type:** Gradient

**Eluent A:** Water

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	60	40
	2	8	30	70
	3	10	30	70

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

**Detector Info:** Rs(1,2) = 2.84

**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, PFP 4 x 3.0 mm, 10/Pk Part No.: AJ0-8327

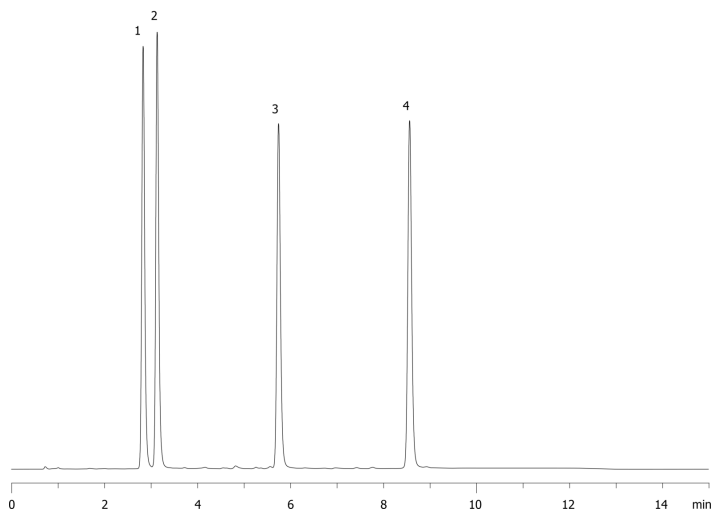
- Holder Part No.: KJ0-4282



Products used in this application:



16288



### ANALYTES:

- 1** Prednisone  
Retention Time: 2.832 min
- 2** Prednisolone  
Retention Time: 3.134 min
- 3** Hydroxyprogesterone  
Retention Time: 5.744 min
- 4** Progesterone  
Retention Time: 8.565 min

