

# HPLC Application

ID No.: 12946

## Corticosteroids

**Column:** Luna® 3 µm CN 100 Å, LC Column 100 x 4.6 mm, Ea

**Dimensions:** 100 x 4.6 mm ID

**Order No:** 00D-4254-E0

**Elution Type:** Gradient

**Eluent A:** Hexane

**Eluent B:** 80:20 Methylene chloride:Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	85	15
	2	2	70	30

**Flow Rate:** 4 mL/min

**Col. Temp.:** ambient

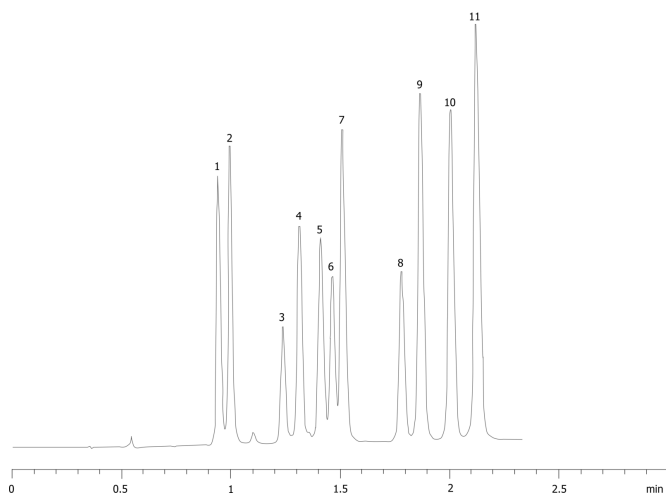
**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

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

- SecurityGuard Cartridges, CN 4 x 3.0mm, 10/Pk Part No.: AJ0-4305

- Holder Part No.: KJ0-4282

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Products used in this application:



## Corticosteroids

### ANALYTES:

- 1 Desoxycorticosterone
- 2 17-alpha-Hydroxyprogesterone
- 3 alpha-Estradiol
- 4 17-alpha-Estradiol
- 5 Cortisone acetate
- 6 Hydrocortisone acetate
- 7 Corticosterone
- 8 Cortisone
- 9 Prednisone
- 10 Hydrocortisone
- 11 Prednisolone

