

# HPLC Application

ID No.: 16020

## Separation of 3 (40nt) DNA sequences with Clarity-Oligo RP

**Column:** Clarity® 3 µm Oligo-RP, LC Column 50 x 4.6 mm, Ea

**Dimensions:** 50 x 4.6 mm ID

**Order No:** 00B-4441-E0

**Elution Type:** Gradient

**Eluent A:** 50mM TEAA/5% Acetonitrile

**Eluent B:** Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	90	10
	2	20	40	60

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

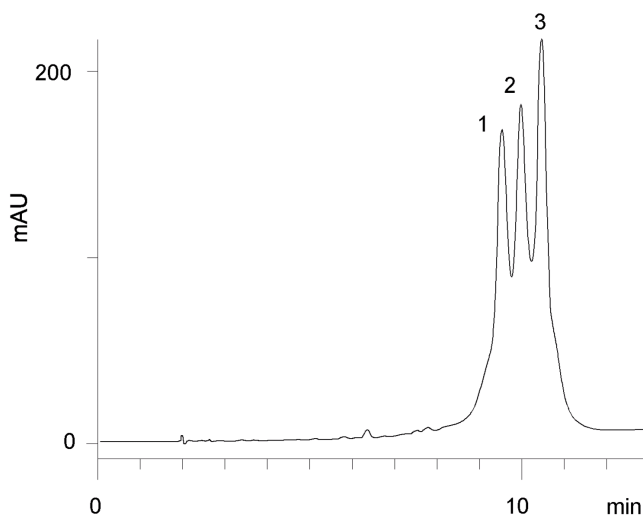
**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 260 nm (ambient)

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

- SecurityGuard Cartridges, Clarity Oligo-RP 4 x 3.0mm, 10/Pk Part No.: AJ0-8135

- Holder Part No.: KJ0-4282

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### ANALYTES:

- 1 DNA 40nt (GC: 65%)
- 2 DNA 40nt (GC: 50%)
- 3 DNA 40nt (GC: 37%)



Products used in this application:

