

# HPLC Application

ID No.: 22580

## Beta Blockers using Kinetex 5u C18 150x4.6mm

**Column:** Kinetex<sup>®</sup> 5µm C18 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4601-E0

**Elution Type:** Isocratic

**Eluent A:** 20mM Potassium Phosphate pH2.5

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	75	25

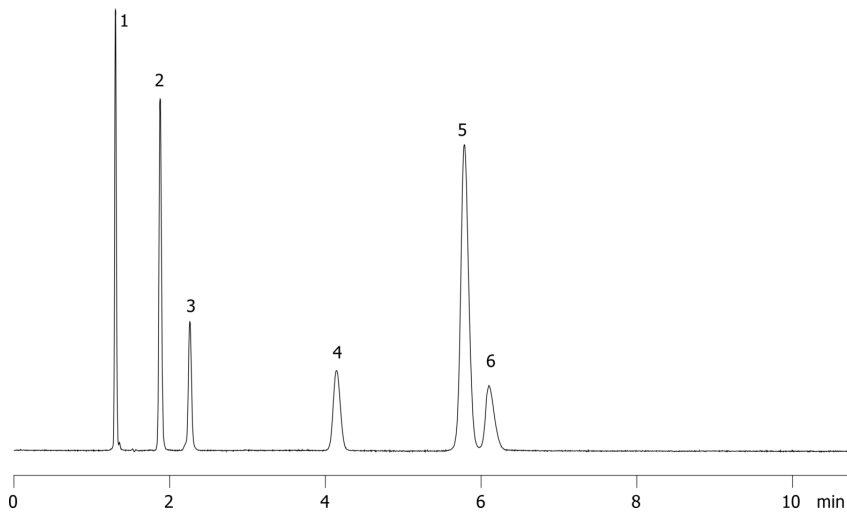
**Flow Rate:** 1.5 mL/min

**Col. Temp.:** 30 °C

**Detection:** UV-Vis Abs.-Diode Array (PDA) @ 230 nm (ambient)  
22580



Products used in this application:



### ANALYTES:

- 1** Atenolol  
Retention Time: 0.914 min
- 2** Pindolol  
Retention Time: 1.318 min
- 3** Metoprolol  
Retention Time: 1.586 min
- 4** Propranolol  
Retention Time: 2.912 min
- 5** Labetolol  
Retention Time: 4.067 min
- 6** Alprenolol  
Retention Time: 4.289 min