

# HPLC Application

ID No.: 20878

## Whole blood TDP (Vitamin B1) Spiked Standard 400 nmol/L on Gemini 5u C18 150x4.6mm

**Column:** Gemini® 5 µm C18 110 Å, LC Column 50 x 4.6 mm, Ea

**Dimensions:** 50 x 4.6 mm ID

**Order No:** 00B-4435-E0

**Elution Type:** Gradient

**Eluent A:** 25mM Na<sub>2</sub>HPO<sub>4</sub>, 10% Methanol, pH 7.0

**Eluent B:** 25mM Na<sub>2</sub>HPO<sub>4</sub>, 70% Methanol, pH 7.0

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	100	0
	2	1	87.5	12.5
	3	1.5	50	50
	4	2.5	10	90
	5	2.6	100	0
	6	4	100	0

**Flow Rate:** 1 mL/min

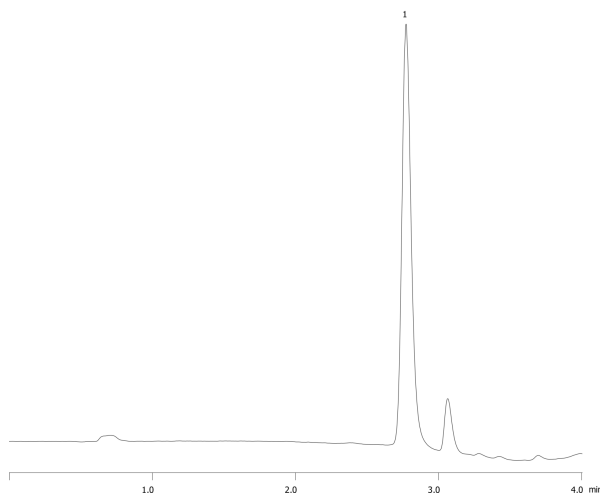
**Col. Temp.:** 25 °C

**Detection:** Fluorescence (FLUOR) @ Ex. 375 nm (ambient)

20878



Products used in this application:



### ANALYTES:

1 Thymidine 5'-pyrophosphate

Retention Time: 2.773 min

