

HPLC Application

ID No.: 20879

Whole blood TDP (Vitamin B1) Spiked Standard 25 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 Na₂HPO₄, 10% Methanol, pH 7.0

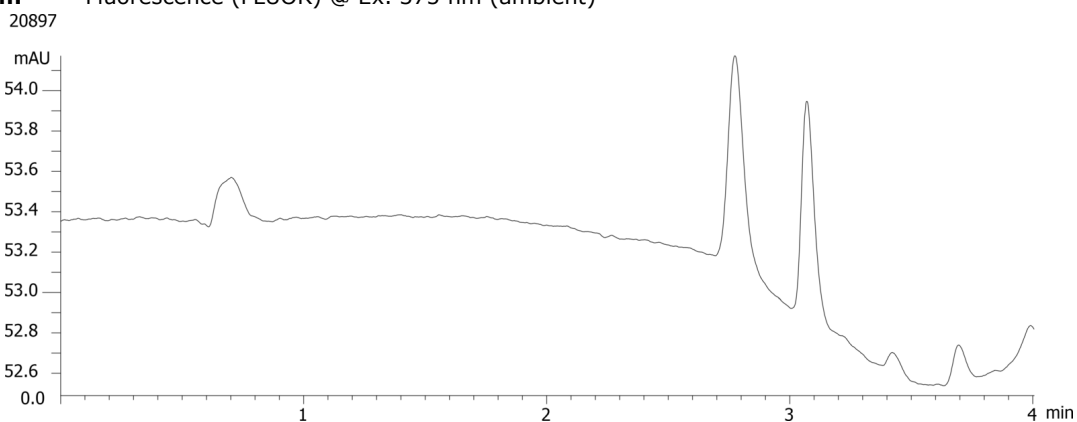
Eluent B: 25mM Na₂HPO₄, 70% Methanol, pH 7.0

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)



Products used in this application:



ANALYTES:

- 1 Thymidine 5'-pyrophosphate

Retention Time: 2.774 min

