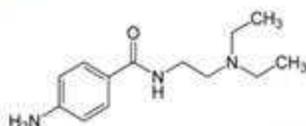


## AGILITY DVB SCX SPE CARTRIDGE

Compound: Procainamide



### SPE EXTRACTION METHOD:

(Agility™ DVB SCX cartridge, 30 mg/ 1 cc)  
(Catalog # OC21AG2030-96)

#### Condition:

1mL of methanol, followed by 1mL of 1% formic acid



#### Load:

100 µL of spiked human plasma (500 ng/mL analyte)  
with 20 µL of H<sub>3</sub>PO<sub>4</sub>



#### Wash:

1 mL of 1% formic acid, followed by 1 mL of 1% formic  
acid in 50% methanol



#### Elute:

1mL of 5% NH<sub>4</sub>OH in methanol



#### Evaporate and Reconstitute:

200 µL of mobile phase

### HPLC METHOD:

**Column:** Orochem Reliasil C18  
HPLC column 4.6x50 mm, 3 µm.

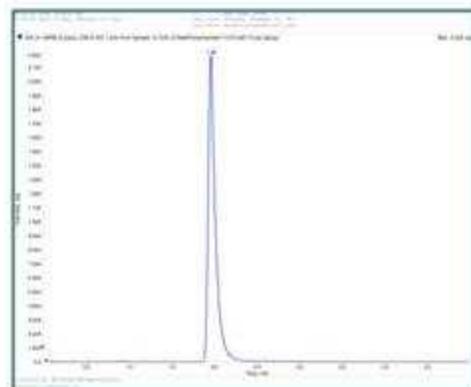
**Part number:** R3BI-101

#### Mobile phase:

water/acetonitrile/triethylamine  
68:32:0.05

**Flow rate:** 0.5 mL/min

**Injection volume:** 20 µL



### MS/MS CONDITIONS:

**Mass spectrometer:** API3000

**Ion source:** Turbo Ion spray

**Polarity:** Positive

**Scan mode:** MRM: primary, Q1:  
236.0, Q3: 163.1; secondary, Q1: 236.0,  
Q3: 120.0

**IS:** 4000

**Temp.** 550

**DP:** 20

**CAD:** 12

**CE:** 20

**CXP:** 15

### RESULTS

**Recovery (CV%):** 70.2% (6.4%)