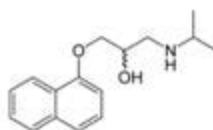


AGILITY DVB SCX SPE CARTRIDGE

Compound: Propranolol



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 propranolol) with 20 µL of H₃PO₄



Wash:

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



Elute:

1mL of 5% NH₄OH in methanol



Evaporate and Reconstitute:

200 µL of mobile phase

HPLC METHOD:

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

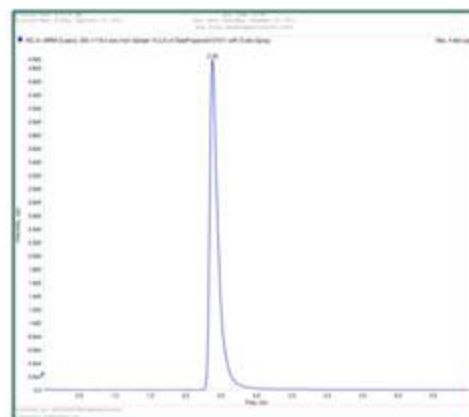
Part number: R3BI-101

Mobile phase: 40 mM NH₄AC-
acetonitrile-formic acid 55:45:0.1

Flow rate: 0.55 mL/min

Injection volume: 20 µL

Retention time: 2.38 min



MS/MS CONDITIONS:

Mass spectrometer: API3000

Ion source: Turbo Ion spray

Polarity: Positive

Scan mode: MRM: primary, Q1:
260.1, Q3: 116; secondary, Q1: 260.1,
Q3: 183

IS: 4000

Temp.: 550

DP: 30

CAD: 12

CE: 25

EP: 10

CXP: 10

RESULTS

Recovery (CV%): 88.2% (5.7%)