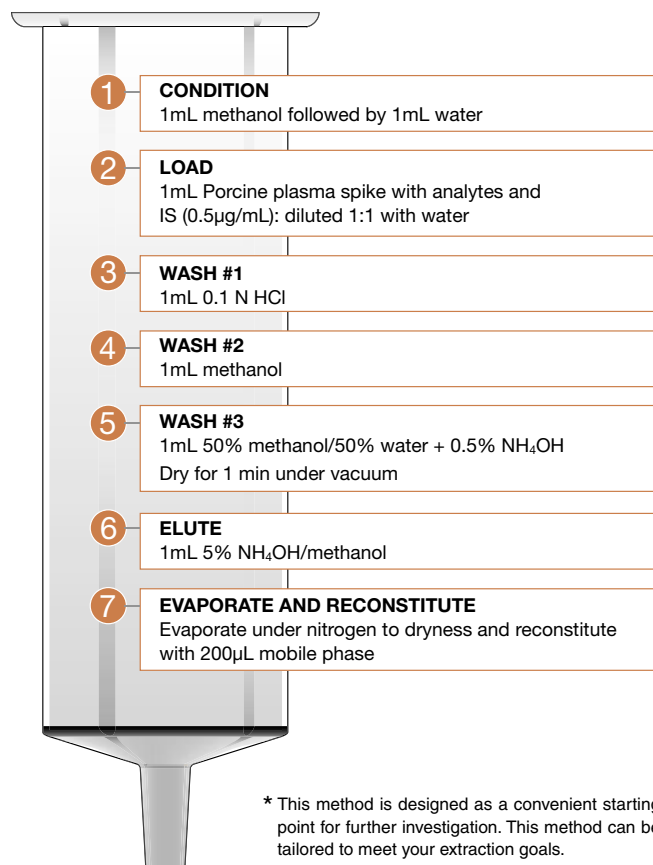


Tricyclic Antidepressants Extracted from Plasma Using strata™ X-C

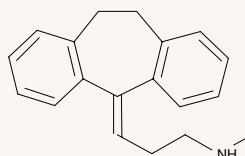
Strata Method* strata-X-C 30mg/1mL



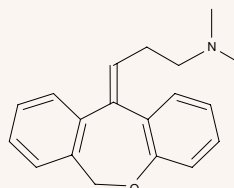
Ordering Information

Order Number	Description
8B-S029-TAK-TN	strata-X-C 30mg/1mL Tubes (100/Box)
8B-S029-UBJ-TN	strata-X-C 60mg/3mL Tubes (50/Box)
8B-S029-FBJ-TN	strata-X-C 200mg/3mL Tubes (50/Box)
8B-S029-HBJ-TN	strata-X-C 500mg/3mL Tubes (50/Box)
8B-S029-ECH-TN	strata-X-C 100mg/6mL Tubes (30/Box)
8B-S029-FCH-TN	strata-X-C 200mg/6mL Tubes (30/Box)
8B-S029-HCH-TN	strata-X-C 500mg/6mL Tubes (30/Box)
8B-S029-EDG-TN	strata-X-C 100mg/12mL GigaTubes (20/Box)
8B-S029-HDG-TN	strata-X-C 500mg/12mL Giga Tubes (20/Box)
8B-S029-JDG-TN	strata-X-C 1000mg/12mL GigaTubes (20/Box)
8E-S029-AGB-TN	strata-X-C 96-Well Plate 10mg/well (2/Box)
8E-S029-TGB-TN	strata-X-C 96-Well Plate 30mg/well (2/Box)
8E-S029-UGB-TN	strata-X-C 96-Well Plate 60mg/well (2/Box)

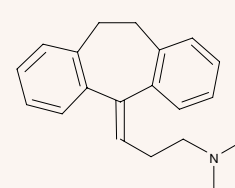
Nortriptyline



Doxepin

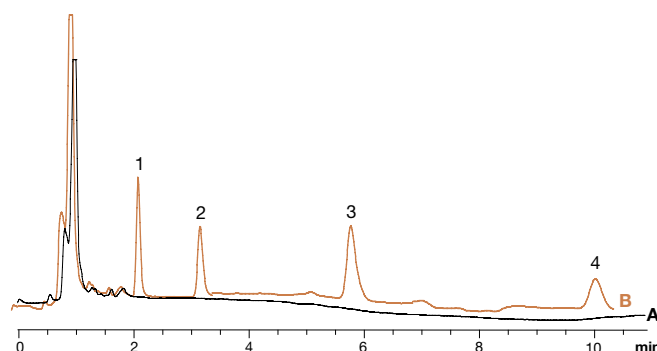


Amitriptyline



HPLC chromatograms of plasma extracts:

A) blank B) spiked sample



HPLC Analysis Conditions:

Column: Luna® 5µ, C8(2), 150 x 4.6mm (Order No: 00F-4249-E0-TN)
Sample: 50µL of reconstituted Porcine plasma extract
Mobile Phase: A: 20mM KH₂PO₄ (pH 7); B: methanol; C: acetonitrile; A/B/C (40:30:30)
Flow rate: 2.0mL/min
Temperature: 25°C
Detection: UV @ 210nm
Peaks: 1. Nordoxepin (IS)
 2. Nortriptyline
 3. Doxepin
 4. Amitriptyline

Results

Analyte	Concentration (µg/mL)	% Recovery	% RSD (n=3)
Nortriptyline	0.5	87	1.25
Doxepin	0.5	104	5
Amitriptyline	0.5	89	4

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