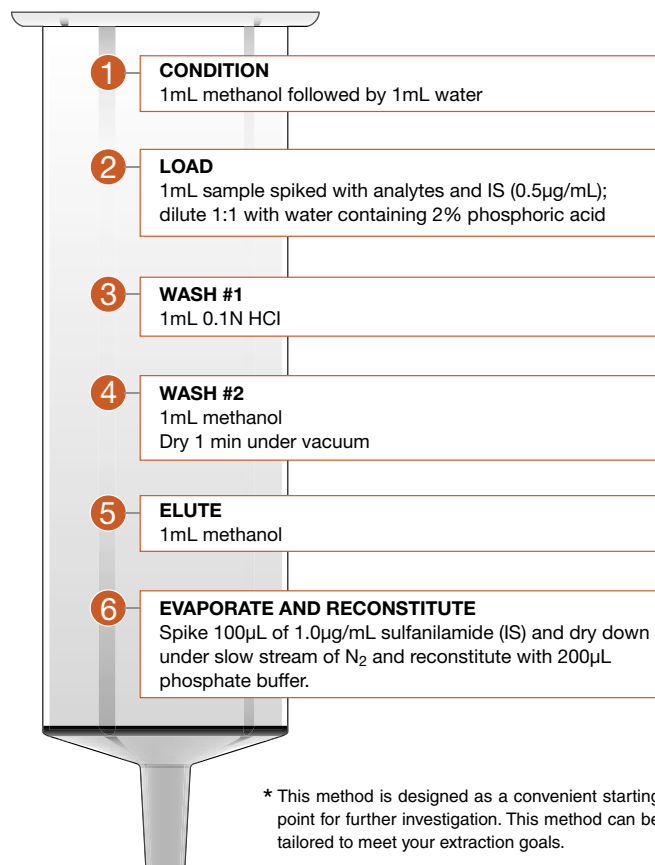
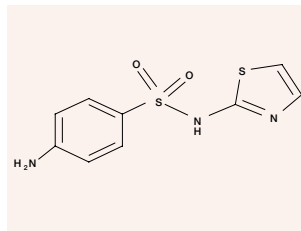


Sulfa Drugs Extracted from Plasma using strata™ X-C

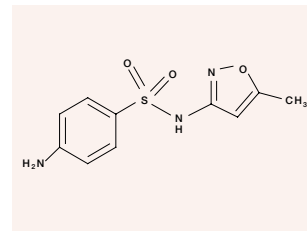
Strata Method* strata-X-C 30mg/1mL



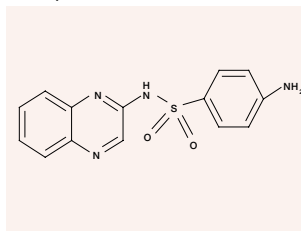
Sulfathiazole



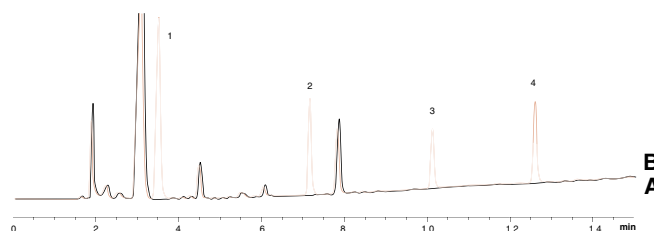
Sulfamethoxazole



Sulfaquinoxaline



HPLC chromatograms of plasma extracts:
A) blank B) spiked sample



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 Giga Tubes (20/Box)
8B-S029-HDG-TN	strata-X-C 500mg/12mL Giga Tubes (20/Box)
8B-S029-JDG-TN	strata-X-C 1000mg/12mL Giga Tubes (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)

App ID 14888

HPLC Analysis Conditions:

Column:	Synergi™ Max-RP, 4µ, 150 x 4.6mm (Order No: 00F-4337-E0-TN)
Sample:	20µL of reconstituted extract
Mobile Phase:	A: 20mM KH ₂ PO ₄ (pH 2.5); B: acetonitrile
Gradient:	A/B (95:5) to A/B (20:80) in 15 min
Flow rate:	1.0mL/min
Temperature:	25°C
Detector:	UV @ 254nm
Peaks:	1. Sulfanilamide (IS) 2. Sulfathiazole 3. Sulfamethoxazole 4. Sulfaquinoxaline

Results

Analyte	Concentration (µg/mL)	% Recovery	% RSD (n=3)
Sulfathiazole	0.5	99	1.1
Sulfamethoxazole	0.5	89	1.4
Sulfaquinoxaline	0.5	88	1.2

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