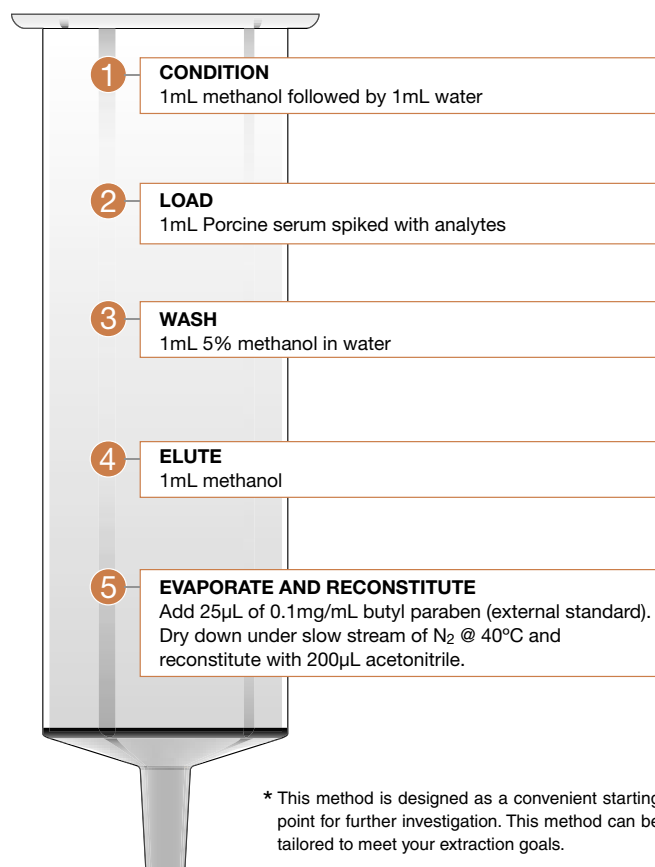


Steroids Extracted from Serum using strata™ X

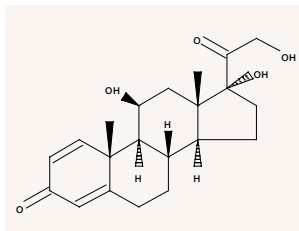
Strata Method* strata-X 30mg/1mL



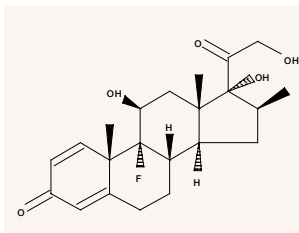
Ordering Information

Order Number	Description
8B-S100-TAK-TN	strata-X 30mg/1mL Tubes (100/Box)
8B-S100-UBJ-TN	strata-X 60mg/3mL Tubes (50/Box)
8B-S100-FBJ-TN	strata-X 200mg/3mL Tubes (50/Box)
8B-S100-HBJ-TN	strata-X 500mg/3mL Tubes (50/Box)
8B-S100-ECH-TN	strata-X 100mg/6mL Tubes (30/Box)
8B-S100-FCH-TN	strata-X 200mg/6mL Tubes (30/Box)
8B-S100-HCH-TN	strata-X 500mg/6mL Tubes (30/Box)
8B-S100-HDG-TN	strata-X 500mg/12mL Giga Tubes (20/Box)
8B-S100-JEG-TN	strata-X 1g/20mL GigaTubes (20/Box)
8E-S100-NGB-TN	strata-X 96-Well Plate 5mg/well (2/Box)
8E-S100-AGB-TN	strata-X 96-Well Plate 10mg/well (2/Box)
8E-S100-TGB-TN	strata-X 96-Well Plate 30mg/well (2/Box)
8E-S100-UGB-TN	strata-X 96-Well Plate 60mg/well (2/Box)
00M-S033-B0-CB-TN	strata-X 25µm On-Line Extraction Cartridge (each)
CHO-5845-TN	20mm Cartridge Holder (each)

Prednisolone

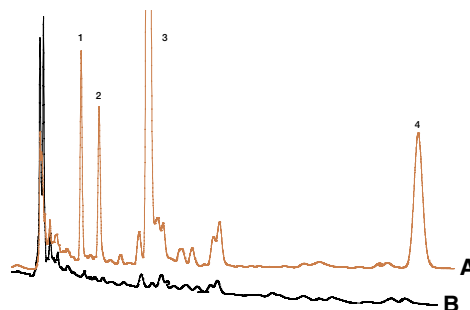


Betamethasone



HPLC chromatogram of plasma extracts:

A) spiked sample B) blank



HPLC Analysis Conditions:

Column:	Synergi™ Max-RP, 4µ, 150 x 4.6mm (Order No: 00F-4337-E0-TN) with SecurityGuard™ C18 column 4 x 3.0mm (Order No: AJ0-4287-TN)
Sample:	50µL of reconstituted extract
Mobile Phase:	A: 20mM potassium phosphate (pH 7); B: methanol, A/B (35:65) in 20 min
Flow rate:	1.0mL/min
Temperature:	25°C
Detector:	UV @ 254nm
Peaks:	1. Prednisolone 2. Betamethasone 3. Butyl paraben (Ext. St.) 4. Betamethasone Valerate

Results

Analyte	Concentration (µg/mL)	% Recovery	% RSD (n=4)
Prednisolone	1.0	94	3.7
Betamethasone	1.0	99	3.5
Betamethasone Valerate	4.0	95	3.9

For a digital copy of this Technical Note, please visit www.Phenomenex.com/TechNotes/CN008



www.phenomenex.com

Phenomenex products are available worldwide. For the distributor in your country, contact Phenomenex USA, International Department by telephone, fax or e-mail: international@phenomenex.com.