

SPE

Solid Phase
Extraction

Application Note

World Leaders in Sample Preparation

SPE113

ISOLATION OF CYCLOPORIN FROM SERUM

Spe-ed™ Cartridge	Cat. No. 2203-Cyanopropyl, 500mg/3mL. Process with <i>Spe-ed Mate</i> .
Sample Preparation	Dilute 1mL of sample with 1mL of distilled water.
Cartridge Conditioning	2 x 3mL of methanol, followed immediately by 3mL of distilled water. DO NOT ALLOW CARTRIDGE TO RUN DRY!
Sample Addition	Add 2mL of prepared sample. Aspirate sample completely from cartridge.
Cartridge Wash	2 sequential 0.5mL volumes of 70% distilled water / 30% acetonitrile. Air dry column under vacuum for 3-5 minutes.
Analyte Elution	2 sequential 0.5mL volumes of methanol. It may be necessary to evaporate sample and reconstitute in an analytically suitable solvent/ solution.

Note: *Since sample matrix interferences and concentrations may vary from sample to sample, it may be necessary to adjust the wash and elution solvent/solvent solution and/or volume to optimize isolation.*

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