

SPE

Solid Phase
Extraction

Application Note

World Leaders in Sample Preparation

SPE122

ISOLATION OF STEROIDS FROM SERUM OR URINE

Spe-ed™ Cartridge	Cat. No. 2003- Octadecyl C18/14%, 500mg/3mL. Process with <i>Spe-ed Mate</i> .
Sample Preparation	Dilute sample with an equal volume 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 up to 2mL of prepared serum or 10mL of urine. Aspirate sample completely from cartridge.
Cartridge Wash	3 sequential 0.5mL volumes of 80% distilled water /20% acetone. Air-dry cartridge under vacuum for 3-4 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.*

Applied
Separations

930 Hamilton Street · Allentown, PA 18101
610-770-0900 · 610-740-5520 (fax)
www.appliedseparations.com