

# SPE

Solid Phase  
Extraction

# Application Note

World Leaders in Sample Preparation

## SPE211

### ISOLATION OF STEROIDS FROM SERUM

<b>Spe-ed™ Cartridge</b>	Cat. No. 2001-Octadecyl C18/14%, 100mg/1mL. Process with <b>Spe-ed Mate</b> .
<b>Sample Preparation</b>	Dilute 1mL of serum with 1mL of 85% distilled deionized water/ 15% methanol.
<b>Cartridge Conditioning</b>	2 x 1mL of methanol, followed immediately by 1mL of 85% distilled deionized water / 15% methanol. <b>DO NOT ALLOW CARTRIDGE TO RUN DRY!</b>
<b>Sample Addition</b>	Add prepared sample. Aspirate sample completely from cartridge.
<b>Analyte Elution</b>	2 sequential 0.4mL 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/solution strength and/or volume to optimize isolation.*

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