

SPE

Solid Phase
Extraction

Application Note

World Leaders in Sample Preparation

SPE119

ISOLATION OF PROPRANOLOL FROM SERUM

| | |
|-------------------------------|---|
| Spe-ed™ Cartridge | Cat. No. 2001- Octadecyl C18/14%, 100mg/1mL. Process with <i>Spe-ed Mate</i> . |
| Sample Preparation | Dilute 4mL of sample with 1mL of distilled water (pH 7 with HCl). |
| Cartridge Conditioning | 2 x 1mL of methanol, followed immediately by 1mL of distilled water. DO NOT ALLOW CARTRIDGE TO RUN DRY! |
| Sample Addition | Add up to 2mL of prepared sample. Aspirate sample completely from cartridge. |
| Cartridge Wash | 2 sequential 0.25mL volumes of 95% distilled water/5% acetonitrile. Air-dry under vacuum for 3minutes. |
| Analyte Elution | 2 sequential 0.2mL 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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