

SPE

Solid Phase
Extraction

Application Note

World Leaders in Sample Preparation

SPE199

ISOLATION OF CATECHOLAMINES FROM PLASMA

Spe-ed™ Cartridge	Cat. No. 2681- <i>Spe-ed</i> CAT, 40mg/1mL. Process with <i>Spe-ed Mate</i> .
Sample Preparation	Add 200uL each of 0.25 MEDTA, and 0.25 M sodium metabisulfite to 1mL of serum, or plasma. Vortex, then remove supernatant, and dilute with 1mL of 0.1 M tris buffer (pH8.6).
Sample Addition	Add up to 2mL of prepared sample. Aspirate sample completely from cartridge.
Cartridge Wash	3 sequential 1.0mL volumes of distilled water.
Analyte Elution	2 sequential 0.25mL volumes of 0.5 M perchloric acid.

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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