Cortisol in Urine by LC-MS/MS



Application #AN2680

Conditions

Column: ACE Excel 2 C18
Dimensions: 100 x 2.1 mm
Part Number: EXL-101-1002U

Mobile Phase: 4 mM ammonium acetate in H₂O/0.2% (v/v) formic acid in MeOH

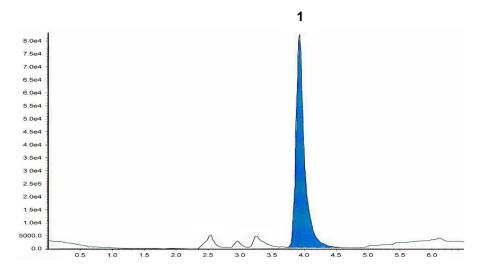
(71.5:28.5 v/v)

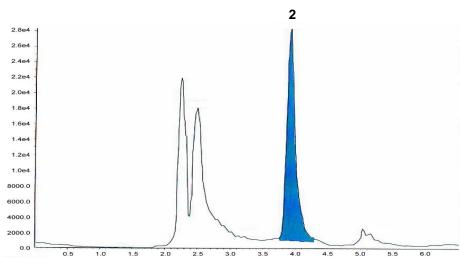
Flow Rate: 0.7 mL/min Injection: 50 μ L Temperature: 50 °C

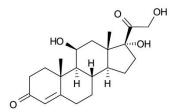
Detection: Applied Biosystems 5000 MS/MS

APCI in positive ion mode

Sample: BioRad Liquichek Urine Quality Control standard (16 nmol/L cortisol)







1. Cortisol $(m/z 363.5 \rightarrow 121.3)$

2. Cortisol-d4 (IS) $(m/z 367.3 \rightarrow 331.3)$

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