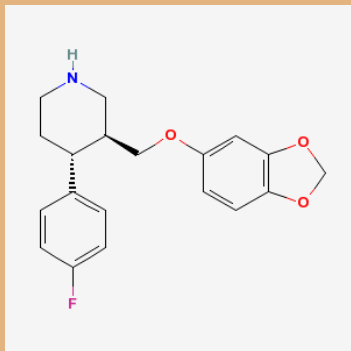


Bioanalytical Method Summary

Determination of paroxetine in human lithium heparin plasma plasma by LC-MS/MS detection

Xendo method code	AI0229
Compound	Paroxetine
Structure	
Molecular Formula and weight	C ₁₉ H ₂₀ F N O ₃ , 329.4 Da
Internal standard	Paroxetine-d6
Species and Matrix	human plasma
Calibration range (LLQ-HLQ)	0.0500 - 50.0 ng/mL
Required sample volume	250 µL
Sample preparation	LLE with ethylacetate/hexaan
Quantitation method	LC-MS/MS

Assay Performance

Precision & Accuracy		
concentration ng/mL	bias (%)	overall CV (%)
0.100	6.4	11.6
0.300	4.9	4.5
25.0	-2.2	3.3
40.0	-4.1	4.9

Stability etc.	
Dilution factor	
Over-curve	
F/T cycles	3
Autosampler	24 hours (RT)
Benchtop RT	
Extract 2-8 C	

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