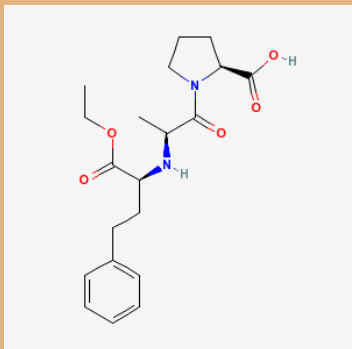


Bioanalytical Method Summary

Determination of enalapril and enalaprilat in human Li-heparin plasma samples by LC-MS/MS

Xendo method code	AI0270
Compound	Enalapril
Structure	
Molecular Formula and weight	C ₂₀ H ₂₈ N ₂ O ₅ , 376.5 Da
Internal standard	Enalapril-D5
Species and Matrix	human plasma
Calibration range (LLQ-HLQ)	0.500 - 50.0 ng/mL
Required sample volume	50.0 µL
Sample preparation	precipitation
Quantitation method	LC-MS/MS

Assay Performance

Precision & Accuracy		
concentration ng/mL	bias (%)	overall CV (%)
0.500	4.0	3.9
1.50	2.5	2.3
25.0	-1.8	2.4
40.0	-0.8	4.2

Stability etc.	
Dilution factor	10
Over-curve	400 ng/mL
F/T cycles	3
Autosampler	48 hours (RT)
Benchtop RT	
Extract 2-8 C	3 days

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