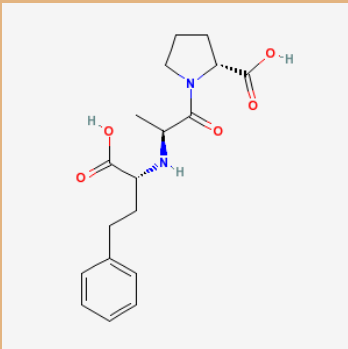


Bioanalytical Method Summary

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

Xendo method code	AI0270
Compound	Enalaprilat
Structure	
Molecular Formula and weight	C ₁₈ H ₂₄ N ₂ O ₅ , 348.4 Da
Internal standard	Enalaprilat-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	17.3	9.8
1.50	-13.7	4.5
25.0	-1.7	7.3
40.0	1.8	8.7

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

Contact

Marion Kranenborg, Ph.D.
Manager Bioanalysis and Drug Metabolism
marion.kranenborg@xendo.com

Jelle Hempenius
Senior Director Business Development
jelle.hempenius@xendo.com

Company address

Xendo Drug Development B.V.
P.O. Box 137
NL-9700 AC Groningen
The Netherlands
tel +31-50-3048000
<http://www.xendo.com>