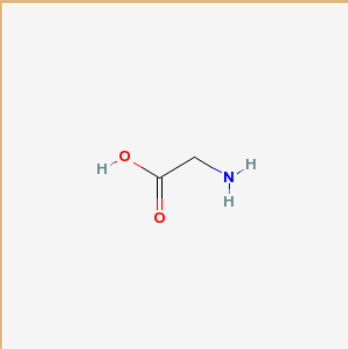


Bioanalytical Method Summary

Determination of glycine after derivatization with Ortho-phthalaldehyde in human heparin plasma samples by LC-MS/MS

Xendo method code	AI0560
Compound	Glycine
Structure	
Molecular Formula and weight	C2H5NO2, 75.07 Da
Internal standard	β-Alanine (labeled)
Species and Matrix	human plasma
Calibration range (LLQ-HLQ)	5.00 - 2000 µg/mL
Required sample volume	50.0 µL
Sample preparation	derivatization/dilution
Quantitation method	LC-MS/MS

Assay Performance

Precision & Accuracy			Stability etc.	
concentration µg/mL	bias (%)	overall CV (%)	Dilution factor	
5.00	2.8	18.6	Over-curve	5
15.0	-3.4	6.2	F/T cycles	8000 µg/mL
175	-5.9	5.4	Autosampler	3
1600	-6.6	7.8	Benchtop RT	24 hours
			Extract 2-8 C	24 hours
				3 days

Contact

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