

Bioanalytical Method Summary

Determination of oxaliplatin, cisplatin or carboplatin in human plasma ultrafiltrate samples by ICP-MS

Xendo method code	AI0275
Compound	Cisplatin
Structure	
Molecular Formula and weight	Cl ₂ H ₆ N ₂ Pt, 300.05 Da
Internal standard	
Species and Matrix	human plasma
Calibration range (LLQ-HLQ)	1.00 - 250 ng Pt/mL
Required sample volume	150 µL
Sample preparation	
Quantitation method	ICP-MS

Assay Performance

Precision & Accuracy			Stability etc.	
concentration ng Pt/mL	bias (%)	overall CV (%)	Dilution factor	
1.00	2.0	4.1	Over-curve	
3.00	2.1	7.1	F/T cycles	
125	-1.5	1.1	Autosampler	
200	-1.7	0.6	Benchtop RT	
			Extract 2-8 C	

Contact

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