

Centre for Human Metabolomics (CHM)

Test:	Quantitative Carnitine Profile URINE
Test Code:	4020 x2 (Free- and Total Carnitine) 4022 x1 (Acylcarnitine) 4221 + 4188 +4321
Tariff (including VAT):	R 42.47 + R 42.47 + R 17.59 + R 219.77 + R 219.77 + R 439.53 = R 981.60
Description:	Assay, quantification and interpretation
Turnaround time:	1. Done in batches – once a week (Monday) 2. Part of full metabolic screen: 35 work days from receipt of sample at our laboratory. 3. Single analysis: 10 work days from receipt of sample at our laboratory.
Transit stability / Sample viability:	Keep frozen, send on dry ice. Viability: 1 year – kept frozen
Comments:	NO preservatives added.
Sample required:	1. 1 ml urine, NO preservatives added, frozen overnight, send on dry ice. 2. Medication intake may significantly influence the analysis and subsequent result interpretation.
Method:	TANDEM - MS
Reference range & units:	Reference ranges: age dependant. Units: mmol/mol creatinine
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