

Centre for Human Metabolomics (CHM)

Test:	Quantitative Carnitine Profile SERUM
NHRPL Tariff code:	4020 x2 (Free- and Total Carnitine) 4022 x1 (Acylcarnitine)
Tariff (including VAT):	R 237.35 + R 237.35 + R 474.69 = R 949.39
Description:	Assay, quantification and interpretation
Turnaround time:	<ol style="list-style-type: none"> 1. Performed in weekly batches 2. Part of full metabolic evaluation: 35 work days from receipt of sample at PLIEM laboratory. 3. Single analysis: 10 work days from receipt of sample at PLIEM laboratory.
Transit stability / Sample Viability:	Keep frozen, send on dry ice. Viability: 6 months kept frozen
Comments:	<ol style="list-style-type: none"> 1. Separate serum, transfer to another tube, freeze overnight, send on dry ice. 2. Sample is not viable if hemolysed, as it may result in false positives and/or negative results. 3. In addition, medication intake may influence the results.
Sample required:	<ol style="list-style-type: none"> 1. 2x SST tubes: Spin samples down / Separate serum, transfer serum to another tube, freeze overnight, send on dry ice. 2. Haemolysis and medication intake may significantly influence the analysis and subsequent result interpretation.
Method:	Tandem Mass-spectrometry
Reference range & units:	Reference ranges: age dependant. Units: µmol/L
Contact for results & other inquiries:	Sample reception and resulting
Telephone number:	018 299 2312 / 018 285 2652 (leave message)
Fax number:	018 299 2316
E-mail address:	pliem@nwu.ac.za
Delivery address for samples:	Center for Human Metabolomics (CHM), Sample reception (PLIEM/NBS/CRS) Building F3, Room Number G19, 11 Hoffmann street North West University, Potchefstroom, 2531