

Centre for Human Metabolomics (CHM)

Test:	Quantitative Carnitine Profile BLOOD CARD
Test Code:	4020 x2 (Free- and Total Carnitine) 4022 x1 (Acylcarnitine)
Tariff (including VAT):	R 219.77 + R 219.77 + R 439.53 = R 879.07
Description:	Assay, quantification and interpretation
Turnaround time:	<ol style="list-style-type: none"> 1. Done in batches – once a week. 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 in sealed paper envelope after dried according to requirements, send separate from other specimens and within 2 days after collection. Viability: 1 month, kept in a dry place.
Comments:	<ol style="list-style-type: none"> 1. Place dried blood card in sealed paper envelope and NOT in plastic bag. 2. Blood card must NOT be placed in envelope before completely dry. 3. Medication intake may significantly influence the analysis and subsequent result interpretation.
Sample required:	1x Blood Card Sample – 4 complete circles
Method:	TANDEM - MS
Reference range & units:	Reference ranges: age dependant. Units: $\mu\text{mol/L}$
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