

Centre for Human Metabolomics (CHM)

<b>Test:</b>	<b>Full Metabolic Evaluation URINE &amp; SERUM</b>
<b>Test Code:</b>	4221, 4321, 4188 x2, 4248, 4238 x2, 4268, 4285 x2, 4216, 4227, 4194 x2, 4020 x4, 4022 x2.
<b>Tariff (including VAT):</b>	R 8214.47
<b>Description:</b>	<u>Biochemical analyses:</u> U-Creatinine, U-Uric Acid, U-Labstix, U-Sulfistix, U-Reducing substances, QU-organic acids, U-TLC-Oligosaccharides, QU-Fructose, U-MPS-DMB-screening, U-MPS-electrophoresis, QU-Amino Acids & QS-Amino Acids, QU-CYS, QU-HCYS, QU-Carnitine & QS-Carnitine profile. On request: QU-Carbohydrate profile.
<b>Turnaround time:</b>	35 work days from receipt of sample at our laboratory (excluding weekends and public holidays)
<b>Transit stability / Sample viability:</b>	Keep frozen, sent on dry ice. Viable (Urine): 24 months – kept frozen. Viable (Serum): 6 months - kept frozen
<b>Comments:</b>	<b>1. Medication intake may significantly influence the analysis and subsequent result interpretation.</b> 2. Urine: NO preservatives added 3. Serum: Separate, transfer to another tube and freeze overnight. <b>NO analysis</b> can be done on a <b>haemolysed sample</b> as this may result in false positives/negative findings.
<b>Sample required:</b>	1. 10-15 ml urine, freeze overnight, send on dry ice 2. SST serum (yellow top), separated, transferred into another tube, freeze overnight, send on dry ice
<b>Method:</b>	Pre-analytical screening / G C M S / MS-MS / Spectrophotometric / Thin-layer chromatography
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