

Centre for Human Metabolomics (CHM)

Test:	Full Metabolic Evaluation URINE & SERUM
NHRPL Tariff code:	4221, 4321, 4188 x2, 4248, 4238 x2, 4268, 4285 x2, 4216, 4227, 4194 x2, 4020 x4, 4022 x2.
Tariff (including VAT):	R 9273.81
Description:	<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.
Turnaround time:	35 work days from receipt of sample at our laboratory (excluding weekends and public holidays)
Transit stability / Sample viability:	Keep frozen, sent on dry ice. Viable (Urine): 24 months – kept frozen. Viable (Serum): 6 months - kept frozen
Comments:	1. Medication intake/diet may significantly influence the analysis and subsequent result interpretation. 2. Urine: NO preservatives should be added 3. Serum: Separate, transfer to another tube and freeze overnight. NO analysis can be done on a haemolysed sample as this may result in false positives/negative findings.
Sample required:	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
Method:	Pre-analytical screening / G C M S / MS-MS / Spectrophotometric / Thin-layer chromatography
Contact for results:	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