

Centre for Human Metabolomics (CHM)

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| Test: | Comprehensive Full Metabolic Evaluation URINE & SERUM & BLOOD CARD |
| NHRPL Tariff code: | 4221, 4321, 4188 x2, 4248, 4238 x4, 4268 x10, 4285 x2, 4216, 4227, 4194 x2, 4020 x4, 4022 x2 |
| Tariff (including VAT): | R 24783.19 |
| 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, QS-VLCFA, QS-Phytanic acid, QS-Pristanic acid, Gplsd-screening, Gcdg-screening, Gbiotinidase, Gg-1p, Gcitr. |
| Turnaround time: | 35 work days from receipt of sample at our laboratory (excluding weekends and public holidays) |
| Transit stability / Sample viability: | Viable (Urine): 24 months – kept frozen, on dry ice Viable (Serum): 6 months - kept frozen, on dry ice Viable (4x Blood cards): Do not expose specimen to heat or direct sunlight. Keep specimen dry. AFTER the blood card samples are completely dry, ensure that it is transported within 36 hours after collection to PLIEM laboratory. If the samples are exposed to heat and not handled according to PLIEM laboratory's protocol, the samples will not be viable for the testing. |
| Comments: | 1. Medication intake/diet may significantly influence the analysis and subsequent result interpretation 2. Urine: NO preservatives should be added 3. NO analysis can be done on a haemolysed sample . |
| Sample required: | 1. 10-15 ml urine 2. SST serum (yellow top), 1-2 ml, separated, transferred into another tube, freeze overnight, sent on dry ice 3. 2x Blood Card Samples – 4 complete circles |
| 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 |