

Centre for Human Metabolomics (CHM)

Test:	Very Long Chain Fatty Acids, Phytanic acid, Pristanic acid SERUM
NHRPL Tariff code:	4268 x2
Tariff (including VAT):	R 2075.76 x 2 = R 4151.52
Description:	Assay, quantification and interpretation: C22, C24, C26 Assay, quantification and interpretation: Phytanic acid Assay, quantification and interpretation: Pristanic acid
Turnaround time:	15 work days from receipt of sample at our laboratory
Transit stability / Sample viability:	Keep frozen, send on dry ice. Viability: 6 months – kept frozen.
Comments:	Separate serum, transfer to another tube, freeze overnight, send on dry ice
Sample required:	<ol style="list-style-type: none"> 2 ml SST (yellow top tube) serum, separated, transferred, frozen A fasting sample is required. Sample collection for patients 3.1) below 18 months of age / 3.2) clinically unstable / 3.3) poor fasting tolerances should proceed 3-4 hours AFTER feeding / meal. The intake of peanut butter or a ketogenic diet should be avoided for 48 hours (or longer) before sample collection.
Method:	G C M S
Reference ranges & units:	C22: < 119 µmol/L C24: < 84 µmol/L C26: < 1.32 µmol/L C24/C22 ratio: < 1.20 C26/C22 ratio: < 0.02 Phytanic acid: 0 – 10 µmol/L Pristanic acid: 0 – 3 µmol/L
Contact for results & other enquiries:	Sample reception and resulting
Telephone number:	018 299 2312 / 018 285 2652 (leave message)
E-mail address:	pliem@nwu.ac.za
Fax number:	018 299 2316
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