

Centre for Human Metabolomics (CHM)

<b>Test:</b>	<b>Very Long Chain Fatty Acids SERUM</b>
<b>Test Code:</b>	4268 x2
<b>Tariff (including VAT):</b>	R 1922.00 x 2 = R 3844.00
<b>Description:</b>	Assay, quantification and interpretation: C22, C24, C26
<b>Turnaround time:</b>	15 work days from receipt of sample at our laboratory
<b>Transit stability / Sample viability:</b>	Keep frozen, send on dry ice. Viability: 6 months – kept frozen.
<b>Comments:</b>	Separate serum, transfer to another tube, freeze overnight, send on dry ice
<b>Sample required:</b>	<ol style="list-style-type: none"> <li>1. <b>2 ml SST</b> (yellow top tube) serum, <b>separated</b>, transferred, <b>frozen</b></li> <li>2. <b>A fasting sample is required.</b></li> <li>3. <b>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.</b></li> <li>4. <b>The intake of peanut butter or a ketogenic diet should be avoided for 48 hours (or longer) before sample collection.</b></li> </ol>
<b>Method:</b>	G C M S
<b>Reference ranges &amp; units:</b>	C22: < 119 µmol/L C24: < 84 µmol/L C26: < 1.32 µmol/L C24/C22 ratio: < 1.20 C26/C22 ratio: < 0.02
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