

Centre for Human Metabolomics (CHM)

<b>Test:</b>	<b>Pipecolic acid SERUM [screening test]</b>
<b>PLIEM Mnemonic:</b>	<b>PPIPEb</b>
<b>NHRPL Tariff code:</b>	4194
<b>Tariff (including VAT):</b>	R1,564.57
<b>Description:</b>	Assay, quantification and interpretation: Pipecolic acid
<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>Information Required with sample(s):</b>	<p>Absent clinical details may affect the interpretation of results and recommendations for further/additional testing (to assist with a differential diagnosis) cannot be made.</p> <ol style="list-style-type: none"> <li>1. Clinical history of the patient. The referring clinician could complete and submit the clinical history on our website at <a href="https://pliem.co.za/test-request-form">https://pliem.co.za/test-request-form</a> OR download the clinical history form from our website (same link) and email the completed form back to our laboratory at <a href="mailto:ansie.mienie@nwu.ac.za">ansie.mienie@nwu.ac.za</a> / <a href="mailto:pliem@nwu.ac.za">pliem@nwu.ac.za</a>.</li> <li>2. Other significant medical reports for the patient (e.g. MRI brain, EEG, X-Ray reports, sonar reports, biopsy reports, genetic testing reports, etc). The referring clinician must please email these additional reports to <a href="mailto:ansie.mienie@nwu.ac.za">ansie.mienie@nwu.ac.za</a>.</li> <li>3. Cumulative, routine pathology results of the patient (including archive results available) - this must be provided to our laboratory by the referring pathology laboratory. It could be e-mailed to <a href="mailto:pliem@nwu.ac.za">pliem@nwu.ac.za</a> OR send together with the sample(s) of the patient.</li> </ol>
<b>Method:</b>	G C M S
<b>Reference ranges &amp; units:</b>	Reference ranges: age specific. Units: $\mu\text{mol/L}$
<b>Contact for results &amp; other enquiries:</b>	Sample reception and resulting
<b>Telephone number:</b>	018 299 2312 / 018 285 2652 (leave message)
<b>Fax number:</b>	018 299 2316
<b>E-mail address:</b>	<a href="mailto:pliem@nwu.ac.za">pliem@nwu.ac.za</a>
<b>Delivery address for samples:</b>	Center for Human Metabolomics (CHM), Sample reception (PLIEM/NBS/CRS) Building F3, Room Number G19, 11 Hoffmann street North West University, Potchefstroom, 2531