

## Centre for Human Metabolomics (CHM)

<b>Test:</b>	<b>Mucopolysaccharide DMB-screening URINE</b>			
<b>PLIEM Mnemonic:</b>	<b>PDMBu</b>			
<b>NHRPL Tariff code:</b>	4221 + 4321 + 4188 + 4216			
<b>Tariff (including VAT):</b>	R 286.96			
<b>Description:</b>	Assay and quantification			
<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: 12 months – kept frozen.			
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1. NO preservatives.</li> <li>2. Keep frozen.</li> <li>3. <b>Medication intake may significantly influence the analysis and subsequent result interpretation.</b></li> </ol>			
<b>Sample required:</b>	2.5 ml - 5 ml urine			
<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>	Spectrophotometric assay			
<b>Reference range &amp; units:</b>	<b>Age</b>	<b>Reference values (mg/mmol creatinine)</b>	<b>Age</b>	<b>Reference values (mg/mmol creatinine)</b>
	0-5 months	< 42.8	5-7 years	< 11.1
	5-12 months	< 27.4	7-9 years	< 10
	1-2 year	< 24.79	9-14 years	< 8.8
	2-3 years	< 17.8	14-20 years	< 5.4
	3-5 years	< 12.7	>20 years	< 4.2
	Reference: Blau et al. 2014. Physician's Guide to the Diagnosis, Treatment, and Follow-Up of Inherited Metabolic Diseases. Springer-Verlag. Berlin Heidelberg.			
<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			