

Centre for Human Metabolomics (CHM)

Test:	Mucopolysaccharide DMB-screening URINE																						
Test Code:	4221 , 4321 , 4188 , 4216																						
Tariff (including VAT):	R 42.47 + R 42.47 + R 17.59 + R 133.59 = R 236.12																						
Description:	Assay and quantification																						
Turnaround time:	15 work days from receipt of sample at our laboratory																						
Transit stability / Sample viability:	Keep frozen, send on dry ice. Viability: 12 months – kept frozen																						
Comments:	1. NO preservatives. 2. Keep frozen. 3. Medication intake may significantly influence the analysis and subsequent result interpretation.																						
Sample required:	2.5 ml urine																						
Method:	Spectrophotometric assay																						
Reference range & units:	<table border="1"> <thead> <tr> <th>Age</th> <th>Reference values (mg/mmol creatinine)</th> </tr> </thead> <tbody> <tr> <td>0-5 months</td> <td>< 42.8</td> </tr> <tr> <td>5-12 months</td> <td>< 27.4</td> </tr> <tr> <td>1-2 year</td> <td>< 24.79</td> </tr> <tr> <td>2-3 years</td> <td>< 17.8</td> </tr> <tr> <td>3-5 years</td> <td>< 12.7</td> </tr> <tr> <td>5-7 years</td> <td>< 11.1</td> </tr> <tr> <td>7-9 years</td> <td>< 10</td> </tr> <tr> <td>9-14 years</td> <td>< 8.8</td> </tr> <tr> <td>15-19 years</td> <td>< 5.4</td> </tr> <tr> <td>>20 years</td> <td>< 4.2</td> </tr> </tbody> </table> <p>Reference: Blau et al. 2014. Physician's Guide to the Diagnosis, Treatment, and Follow-Up of Inherited Metabolic Diseases. Springer-Verlag. Berlin Heidelberg.</p>	Age	Reference values (mg/mmol creatinine)	0-5 months	< 42.8	5-12 months	< 27.4	1-2 year	< 24.79	2-3 years	< 17.8	3-5 years	< 12.7	5-7 years	< 11.1	7-9 years	< 10	9-14 years	< 8.8	15-19 years	< 5.4	>20 years	< 4.2
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Consultant/Scientist:	Dr Marli Dercksen / Prof Chris Vorster																						
Telephone number:	018 299 2302 / 018 299 4196																						
E-mail address:	marli.dercksen@nwu.ac.za / chris.vorster@nwu.ac.za																						
Contact for results & other enquiries:	Ansie Mienie																						
Telephone number:	018 299 2312 / 018 299 1815 / 018 285 2652 (leave message)																						
Fax number:	018 299 2316																						
E-mail address:	ansie.mienie@nwu.ac.za																						
Delivery address for samples:	Att: Dr M Dercksen, School for Biochemistry, PLIEM LAB POTCH, Building F3, Laboratory G20 (ground floor), 11 Hoffmann street, North West University, Potchefstroom																						