

Centre for Human Metabolomics (CHM)

Test:	Quantitative Citrulline BLOOD CARD SAMPLE						
Test Code:	4238 x1						
Tariff (including VAT):	R 453.27						
Description:	Assay, quantification and interpretation.☒						
Turnaround time:	9 work days from receipt of sample at PLIEM laboratory						
Transit stability / Sample viability:	Keep in sealed paper envelope after dried according to requirements, send separate from other specimens and within 2 days after collection. Viability: 1 month, kept in a dry place.						
Comments:	1. Place dried blood card in sealed paper envelope and NOT in plastic bag. 2. Blood card must NOT be placed in envelope before completely dry.						
Sample required:	1x Blood Card Sample – 4 complete circles						
Method:	Tandem-MS						
Reference ranges & units:	<p>Reference ranges in $\mu\text{mol/L}$:</p> <table border="1"> <thead> <tr> <th></th> <th>Citrulline</th> </tr> </thead> <tbody> <tr> <td>0-1 Month</td> <td>28-40</td> </tr> <tr> <td>>1 Month-20 yrs</td> <td>24-49</td> </tr> </tbody> </table> <p>Literature reference: Goossens <i>et al</i> 2015, Citrulline levels in a paediatric age group: Does measurement on dried blood spots have additional value? <i>Clinica Chimica Acta</i> 412: 661-664</p>		Citrulline	0-1 Month	28-40	>1 Month-20 yrs	24-49
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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						