

Centre for Human Metabolomics (CHM)

<b>Test:</b>	<b>Quantitative Citrulline BLOOD CARD SAMPLE</b>						
<b>Test Code:</b>	4238 x1						
<b>Tariff (including VAT):</b>	R 453.27						
<b>Description:</b>	Assay, quantification and interpretation.☒						
<b>Turnaround time:</b>	9 work days from receipt of sample at PLIEM laboratory						
<b>Transit stability / Sample viability:</b>	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.						
<b>Comments:</b>	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.						
<b>Sample required:</b>	1x Blood Card Sample – 4 complete circles						
<b>Method:</b>	Tandem-MS						
<b>Reference ranges &amp; units:</b>	<p>Reference ranges in <math>\mu\text{mol/L}</math>:</p> <table border="1"> <thead> <tr> <th></th> <th><b>Citrulline</b></th> </tr> </thead> <tbody> <tr> <td>0-1 Month</td> <td>28-40</td> </tr> <tr> <td>&gt;1 Month-20 yrs</td> <td>24-49</td> </tr> </tbody> </table> <p><b>Literature reference:</b> 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>		<b>Citrulline</b>	0-1 Month	28-40	>1 Month-20 yrs	24-49
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<b>Fax number:</b>	018 299 2316						
<b>E-mail address:</b>	<a href="mailto:ansie.mienie@nwu.ac.za">ansie.mienie@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						