

Centre for Human Metabolomics (CHM)

Test:	Quantitative Galactose-1-Phosphate BLOOD CARD SAMPLE [DBS]				
PLIEM Mnemonic:	NPGAL				
NHRPL Tariff code:	4238				
Tariff (including VAT):	R 524.00				
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 send within 2 days after collection. Viability: 1 month, kept in a dry place.				
Comments:	<ol style="list-style-type: none"> 1. Place dried blood card [DBS] in sealed paper envelope and NOT in plastic bag. 2. Blood card [DBS] must NOT be placed in envelope before completely dry. 3. GALT patients on a lactose/galactose free diet may have normal galactose-1-phosphate levels 				
Sample required:	1x Blood Card Sample [DBS] – 4 complete circles				
Information Required with sample(s):	<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"> 1. Clinical history of the patient. The referring clinician could complete and submit the clinical history on our website at https://pliem.co.za/test-request-form OR download the clinical history form from our website (same link) and email the completed form back to our laboratory at ansie.mienie@nwu.ac.za / pliem@nwu.ac.za. 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 ansie.mienie@nwu.ac.za. 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 pliem@nwu.ac.za OR send together with the sample(s) of the patient. 				
Method:	Tandem-Mass Spectrometry				
Reference ranges & units:	<p>Reference ranges in $\mu\text{mol/L}$:</p> <table border="1"> <thead> <tr> <th></th> <th>Galactose-1-Phosphate</th> </tr> </thead> <tbody> <tr> <td>All ages</td> <td><0.6</td> </tr> </tbody> </table>		Galactose-1-Phosphate	All ages	<0.6
	Galactose-1-Phosphate				
All ages	<0.6				
Contact for results & other enquiries:	Sample reception and resulting				
Telephone number:	018 299 2312 / 018 285 2652 (leave message)				
Fax number:	018 299 2316				
E-mail address:	pliem@nwu.ac.za				
Delivery address for samples:	Center for Human Metabolomics (CHM), Sample reception (PLIEM/NBS/CRS) Building F3, Room Number G19, 11 Hoffmann street North West University, Potchefstroom, 2531				