

Centre for Human Metabolomics (CHM)

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| <b>Test:</b>                                      | <b>CDG (congenital disorder of glycosylation / carbohydrate deficient glycoprotein) identification SERUM – send away test to Belgium</b>  |
| <b>Test Code:</b>                                 | Not applicable  |
| <b>Tariff (including VAT):</b>                    | R 0.00 (Included if CDG screening is abnormal)  |
| <b>Description:</b>                               | Assay and Interpretation  |
| <b>Turnaround time:</b>                           | 3 months (work days, excluding weekends and public holidays) from send away of the sample from PLIEM laboratory to Belgium.   |
| <b>Transit stability / Sample viability:</b>      | Frozen serum transported on dry ice<br>Viability: Serum – frozen 3 months   |
| <b>Comments:</b>                                  | <ol style="list-style-type: none"> <li>1. Collect 2x yellow top tubes (SST serum), spin down, transfer to another plastic tube, send FROZEN, on dry ice to PLIEM laboratory.</li> <li>2. Blood transfusion may influence the analysis. We recommend this test 2 weeks after transfusion to prevent false negatives</li> <li>3. <b>NOTE:</b> This test is for <b>confirmation of abnormal DBS screening</b> and <b>does not include genetic testing for the related CDG disorder</b>. PLIEM laboratory can be contacted for a <b>quote for genetic services</b> (marli.dercksen@nwu.ac.za).</li> </ol> |
| <b>Sample required:</b>                           | 2x Serum samples (yellow top), spin down, transferred to another plastic tube, send FROZEN, on dry ice.   |
| <b>Method:</b>                                    | Transferrin protein analysis via capillary electrophoresis  |
| <b>Reference range &amp; units:</b>               | Not applicable  |
| <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)<br>Building F3, Room Number G19, 11 Hoffmann street<br>North West University, Potchefstroom, 2531   |