

Centre for Human Metabolomics (CHM)

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