

מעבדה מטבולית

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Explanation form for Cystine in White Blood cells (CWBC)

Useful For: Diagnosis and monitoring of Cystinosis patients

Methodology: Mass Spectrometry

Clinical Information:

Cystine level testing measures the amount of Cystine in white blood cells (WBCs). Along with carefully following a treatment plan, routine testing is key. Testing is the only way to know a person's Cystine level.

Specimen must be shipped the same day as collection to arrive at the laboratory **until 11:00 AM**. Before sampling, it is required to book the test in advance with the lab because sample preparation is long and complex.

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Test frequency: Once per 3 months

Specimen Type: whole blood

Specimen Volume: 9 mL blood

Collection Instructions: Collect 9 mL blood in Purple cap EDTA tube from the patient (recommended: additional blood tube from a control individual). Refrigerate within 1 hour of collection. Send on the same morning to the lab cold (not frozen).

Please attach clinical information, anamnesis, drug doses etc.

Please note time of last Cysteamine dose and time of specimen collection, on the request form.

Unless otherwise specified by treating clinician:

For immediate release Cysteamine Bitartrate therapy - Collect sample 6 hours post dose.

For delayed release Cysteamine Bitartrate therapy - Collect sample 12-12.5 hours post dose.

Please be sure to enclose name and ID number of patient, name, phone and Fax numbers of the requesting institution.

Turnaround time: 65 work days.

Ministry of health Code: 600272