

Critically ill Newborn Profile includes following tests:-
--

1. Urine MRST (Ferric Chloride / DNPH etc. – such 25 tests)
2. TLC – Sugar and Aminoacids (For rapid analysis)
3. GALT enzyme and SOS - Galactose (If GALT low)
4. Biotinidase enzyme assay (Quantitative)
5. HPLC – Orotic Acid
6. TMS (Tandem Mass Spectrometry) – Quantitative estimation of Carnitine / Acyl carnitine and 10 important Aminoacids
7. GC-MS of Urine (For mainly organic acids).
8. LC-MS-MS of Aminoacids in Plasma

Please supplement following test results for proper understanding:-

Detailed clinical history and investigation summary

- a. Ammonia / Lactate / Blood Sugar level
- b. Sr. Electrolytes
- c. ABG / or venous bicarb
- d. LFT
- e. CBC

Cost of CINB Profile: - for patients Rs. 16,500/-.

Samples required:-

1. Urine 20 ml
2. EDTA Blood: - 2 ml
3. Heparinised blood: - 2 ml
4. Serum (Separated):- 2 ml

There are many other tests which might be needed for any CINB but included in above profile as they are not always required. After initial analysis, you can order them separately.

Turn around time: - Complete analysis of above tests will require 8 – 10 working days (2 weeks approx). However some of the basic results will be available within 48 hrs and we can plan initial line of therapy based on these initial reports.

Normal Newborn Screening - includes following tests:-
--

1. T4 and TSH
2. 17 OHP
3. GALT enzyme and SOS - Galactose (If GALT low)
4. Biotinidase enzyme assay
5. G 6 PD enzyme
6. Methionine / Tyrosine / Phenylalanine / Leucine
7. TMS (Tandem Mass Spectrometry) – Quantitative estimation of Carnitine / Acyl carnitine and 10 important Aminoacids

Cost of CINB Profile :- for patients Rs. 7,500/-.

8. Optional tests (will cost extra)

- a. IRT (Immuno Reactive Trypsinogen)
- b. Toxo IgM Titre
- c. GSH Assay
- d. PBG Synthase and Blood Succinyl Acetone
- e. 5 Leukocyte enzyme for LSD – Fabry’s Dis, Gaucher’s Dis, Krabbe’s Dis. Niemann Pick’s Dis and Pompe’s Dis.

Samples required:-

1. Heparinised blood: - 2 ml
2. Serum (Separated):- 2 ml

Turn around time: - Complete analysis of above tests will require 8 – 10 working days (2 weeks approx). However some of the basic results will be available within 48 hrs and we can plan initial line of therapy based on these initial reports. For LSD enzyme we will need atleast 3 – 4 weeks.

Payment to be made in the form of cash or DD or Bank transfer. DD should be in favour of “NIRMAN” payable in Mumbai.

Samples should be delivered preferably in person (had delivery) or by courier (preferably by Blue Dart Courier).