**Appendix II: List of Assays**

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| **List of routine assays in initial phase** | |
| 1 | Alanine Transferase (ALT/GPT) |
| 2 | Albumin BCP |
| 3 | Alkaline Phosphatase (ALP) |
| 4 | Amylase |
| 5 | Aspartate Transferase (AST/GOT) |
| 6 | Bicarbonate |
| 7 | Bilirubin direct |
| 8 | Bilirubin total |
| 9 | Blood Urea Nitrogen |
| 10 | Calcium |
| 11 | Chloride |
| 12 | Total Cholesterol |
| 13 | Creatine Kinase (CK) |
| 14 | CK-MB |
| 15 | C-Reactive Protein |
| 16 | Creatinine |
| 17 | Gamma Glutamyl Transferase (GGT) |
| 18 | Glucose |
| 19 | HbA1c |
| 20 | HCG+β |
| 21 | HDL-Cholesterol |
| 22 | High Sensitive Troponin T |
| 23 | Lactate Dehydrogenase |
| 24 | LDL-Cholesterol |
| 25 | Phosphorus |
| 26 | Potassium |
| 27 | Sodium |
| 28 | Total Protein |
| 29 | Triglycerides |
| 30 | Urea |
| 31 | Uric Acid |

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| **List of assays in coming phase** | | | |
| 1 | Active Vitamin B12 | 31 | Magnesium |
| 2 | AFP α1-Fetoprotein | 32 | NT-proBNP |
| 3 | Anti-HAV | 33 | Procalcitonin |
| 4 | Anti-HBs | 34 | Progesterone |
| 5 | Anti-HCV | 35 | Prolactin |
| 6 | Cancer Antigen 125 | 36 | Syphilis Ab |
| 7 | Cancer Antigen 15-3 | 37 | Testosterone |
| 8 | Cancer Antigen 19-9 | 38 | Thyrotropin (TSH) |
| 9 | Carcinoembryonic Antigen | 39 | Total Prostate-specific antigen |
| 10 | Complement C4 | 40 | Unsaturated Iron-Binding Capacity |
| 11 | Complement C3 |  |  |
| 12 | Cortisol |  |  |
| 13 | Estradiol (E2) |  |  |
| 14 | Ferritin |  |  |
| 15 | Folate |  |  |
| 16 | Follicle-stimulating hormone |  |  |
| 17 | free prostate-specific antigen |  |  |
| 18 | Free Thyroxine, FT4 |  |  |
| 19 | Free Triiodothyronine, FT3 |  |  |
| 20 | HBsAg qualitative + confirmation |  |  |
| 21 | High Sensitive C-Reactive Protein |  |  |
| 22 | HIV combi |  |  |
| 23 | Immunoglobulin A |  |  |
| 24 | Immunoglobulin E |  |  |
| 25 | Immunoglobulin G |  |  |
| 26 | Immunoglobulin M |  |  |
| 27 | Iron |  |  |
| 28 | Lactate |  |  |
| 29 | Lipase |  |  |
| 30 | Luteinizing hormone |  |  |