



HAEMOTOLOGY INVESTIGATIONS-TEST MASTER LIST

| S NO | Code NO | Name of the test | Turn around time | Specimen required | Anticoagulant (vacutainer tubes) | Storage/ Temperature |
|-------------|----------------|----------------------------|-------------------------|--------------------------------------|---|-----------------------------------|
| 1 | 001 | *Hb and PCV | 1 hour | 2ml blood 1ml (<10 yrs) | 3.6mg K2 EDTA (Lavendor) | Upto 24 hours/ 2-8 ⁰ C |
| 2 | 002 | *Total RBC count | 1 hour | 2ml blood 1ml (<10 yrs) | 3.6mg K2 EDTA (Lavendor) | Upto 24 hours/ 2-8 ⁰ C |
| 3 | 003 | *Blood Indices | 1 hours | 2ml blood 1ml (<10 yrs) | 3.6mg K2 EDTA (Lavendor) | Upto 24 hours/ 2-8 ⁰ C |
| 4 | 004 | *TC and DC | 1 hour | 2ml blood, 1ml (<10 yrs) 2 Smears | 3.6mg K2 EDTA (Lavendor) | Upto 24 hours/ 2-8 ⁰ C |
| 5 | 005 | *ESR | 1 hour | 1ml blood | 3.8% Sodium Citrate (Black) | Upto 24 hours/ 2-8 ⁰ C |
| 6 | 006 | *Platelet count | 1 hour | 2ml blood 1ml (<10 yrs) | 3.6mg K2 EDTA (Lavendor) | Upto 24 hours/ 2-8 ⁰ C |
| 7 | 007 | *Reticulocyte count | 2 1/2 hour | 2ml blood 1ml (<10 yrs) | 3.6mg K2 EDTA (Lavendor) | Upto 24 hours/ 2-8 ⁰ C |
| 8 | 008 | *Absolute eosinophil count | 2 1/2 hour | 2ml blood 1ml (<10 yrs) | 3.6mg K2 EDTA (Lavendor) | Upto 24 hours/ 2-8 ⁰ C |
| 9 | 009 | *Blood smear study | 2 1/2hours | 2ml blood 1ml (<10 yrs)-2 Smears | 3.6mg K2 EDTA (Lavendor) | Upto 24 hours/ 2-8 ⁰ C |

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| Issue No: 03 | Issue Date: 15.11.2016 | Amend No: 02 | Page 1 of 5 |
| Prepared & Issued by: Head of the Department | Approved by: Management Representative | | |



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(A Unit of medical Research Foundation)

TEST MASTER LIST- HEMATOLOGY & CLINICAL PATHOLOGY

SNSC/CM/12A

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|----|-----|-----------------------------------|-------------|--|--|-----------------------------------|
| 10 | 010 | *Blood smear parasite | 2 1/2 hours | 2ml blood in EDTA and 2.7ml blood of 3.2% citrated blood, 2 thin and thick smears. | 3.2% citrated blood (Blue), 3.6mg K2 EDTA (Lavendor) | Upto 24 hours/ 2-8 ⁰ C |
| 11 | 012 | *Sickle cell preparation | 24 hours | 2ml blood 1ml (<10 yrs) | 3.6mg K2 EDTA (Lavendor) | Upto 24 hours/ 2-8 ⁰ C |
| 12 | 013 | LE cell preparation | 24 hours | 10ml blood | - | - |
| 13 | 014 | Hemoglobin electrophoresis | 48 hours | 2ml blood | 3.6mg K2 EDTA (Lavendor) | 1 week / 2-8 ⁰ C |
| 14 | 015 | *Blood group and Rh typing | 2 hours | 2ml blood 1ml (<10 yrs) | 3.6mg K2 EDTA (Lavendor) | Upto 24 hours/ 2-8 ⁰ C |
| 15 | 025 | *Prothrombin time (PT) | 1 hour | 2.7ml blood 1ml (<10 yrs) | 3.2% citrated blood (Light Blue) | Upto 24 hours/ 2-8 ⁰ C |
| 16 | 026 | *Partial thromboplastin time(PTT) | 1 hour | 2.7ml blood 1ml (<10 yrs) | 3.2% citrated blood (Light Blue) | Upto 4 hours/ 2-8 ⁰ C |
| 17 | 312 | Bleeding time | 30 minutes | - | - | - |
| 18 | 312 | Clotting time | 30 minutes | 3 ml blood | - | - |

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|---|---|--------------|-------------|
| Issue No: 03 | Issue Date: 15.11.2016 | Amend No: 02 | Page 2 of 5 |
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|----|-----|-----------------------|------------|-------------|----------------------------------|--|
| 19 | 312 | Clot retraction | 30 minutes | 4 ml blood | Plain (Red) | Upto 24 hours/ 2-8 ⁰ C *Note: If the Clot retraction is poor, it is kept in the water bath for 24 hours. |
| 20 | 313 | Euglobulin lysis test | 24 hours | 2.7ml blood | 3.2% citrated blood (Light Blue) | Upto 24 hours/ 2-8 ⁰ C |
| 21 | 313 | Factor XIII | 24 hours | 2.7ml blood | 3.2% citrated blood (Light Blue) | Upto 24 hours/ 2-8 ⁰ C |

In case of Baby Collection/ Patient for whom blood collection is difficult, blood is collected in 1 ml K2 EDTA Microtainers using Syringe and needle.

Information to the Patients:

All samples for routine hematological tests, random blood collection is being done. (Refer 3C)

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|---|---|--------------|-------------|
| Issue No: 03 | Issue Date: 15.11.2016 | Amend No: 02 | Page 3 of 5 |
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TEST MASTER LIST- HEMATOLOGY & CLINICAL PATHOLOGY

SNSC/CM/12A

CLINICAL PATHOLOGY INVESTIGATIONS-TEST MASTER LIST

| S NO | Code NO | Name of the test | Turn around time | Specimen required | Anticoagulant (vacutainer tubes) | Storage/ Temperature |
|-------------|----------------|---|-------------------------|--------------------------|---|---|
| 1 | 018 | *Urine routine analysis *Glucose *Albumin *Acetone and acetoacetic acid *Bile salts | 1 hour | 20-50 ml Urine Sample. | - | Discarded on the same day/ Room temp |

Issue No: 03

Issue Date: 15.11.2016

Amend No: 02

Page 4 of 5

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|----|-----|--|-----------|---|---|---|
| | | *Bile pigments *Urobilinogen *Occult blood or hemoglobin *Leucocyte | | | | |
| 10 | 020 | *Motion routine analysis | 3 hours | at least 4ml (4 cm ³) | - | Discarded on the same day/ Room temp |
| 11 | 030 | *Motion routine analysis -occult blood or hemoglobin | 3 hours | 3 samples on 3 consecutive days. at least 4ml (4 cm ³)/Day | - | Discarded on the same day/ Room temp |
| 12 | 601 | Mantoux test | 48 hours | - | - | - |
| 13 | 028 | Urine – Sugar, Alb, Acetone | 1 hour | 20 – 50 ml Urine sample | - | Discarded on the same day/ Room temp |
| 14 | 029 | Urine – LFT | 2 ½ hours | 20 – 50 ml Urine sample | - | Discarded on the same day/ Room temp |

*** Test which are under Scope of NABL.**

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|---|---|--------------|-------------|
| Issue No: 03 | Issue Date: 15.11.2016 | Amend No: 02 | Page 5 of 5 |
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