Please use this document in conjunction with the **Add-On Investigation Policy** andthe **Add-On Action Flow Chart (EPA-GENP-100).** Only add on tests where we have received the correct tube type.

| **TEST** | **Tube type** | | **Request code** | | | **Department** | **Stability (2–8°C)** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **NNUH** | **JPUH** | **QEH** |
| Amylase |  |  | AMY | AMS | AMY | Chem Auto | 3 days\* |
| Anti-neutrophil  cytoplasmic antibodies (ANCA) |  | | ANCAST | NNH | REF | Immuno | 7 day1 |
| Anti-nuclear Ab (ANA) |  | | NANAS | NNH | REF | Immuno | 7 day1 |
| AST |  |  | AST | NNH | ASAT | Chem Auto | 3 days\* |
| Bicarbonate (CO2)  **(check tube type with lab)** | **SST** | **LiH** | BICARB | CO2 | BIC | Chem Auto | **SST:** 3 days2  **LiH:** 2 days2  **(tube kept tightly closed)** |
| Bile acids |  | | BILEAC | BA | BIAC | Chem Auto | 3 days\* |
| Blood Film  **(only available if FBC requested)** |  | | BF | F | FI | Haem | 1 day3+ |
| Bone group |  |  | B | 6 | B | Chem Auto | 3 days\* |
| CA 125 |  |  | CA125 | NNH | CA125 | Endo | 3 days\* |
| Calcium |  |  | CA | 10 | CAL | Chem Auto | 3 days\* |
| Chloride |  |  | CL | NNH | CH | Chem Auto | 3 days\* |
| Cholesterol |  |  | CHO | 9 | CHOL | Chem Auto | 3 days\* |
| Coagulation screen  **(only if Sodium Citrate sample)** |  | | CO | COAG | COA | Haem | 24 hours4 |
| Coeliac Antibodies |  | | TTG | NNH | TTG | Immuno | 2 weeks5 |
| Cortisol |  |  | CORT | CORT | CORT | Chem Auto | 3 days\* |
| C-reactive protein (CRP) |  |  | CRP | CRP | CRP | Chem Auto | 3 days\* |
| Creatine kinase (CK) |  |  | TCK | CK | CK | Chem Auto | 3 days\* |
| D-Dimer  **(only if VTE from A&E or AMU)** |  | | VTE2 | DDIM | DD500 | Haem | 24 hours4 |
| Digoxin |  |  | DIG | DIG | DIG | Chem Auto | 48 hours6 |
| Erythrocyte Sedimentation Rate (ESR) |  | | ESR | ESR | ESR | Haem | 24 hours7+ |
| Ferritin |  |  | FER | FER | FER | Chem Auto | 3 days\* |
| Folate (serum) [& Vitamin B12] |  |  | SFOL | B12F | BSF | Chem Auto | 3 days\* |
| Follicle stimulating hormone (FSH) |  |  | FSHO | NNH | FSH | Chem Auto | 3 days\* |
| Free T3 |  |  | FT3 | FT3 | FT3 | Chem Auto | 3 days\* |
| Free T4 |  |  | T4 | FT4 | FT4 | Chem Auto | 3 days\* |
| Full blood count (FBC)  **(only if EDTA sample)** |  | | FBC2 | FBC | FBC | Haem | 1 day4+ |
| Gamma-GT (GGT) |  |  | GGT | GGT | GGT | Chem Auto | 3 days\* |
| HbA1c  **(only if EDTA sample)** |  | | HBA | NNH | HBA1C | Chem Auto | 3 days1+ |
| β-hCG |  |  | HCGAP | SHCG | HCG | Chem Auto | 3 days\* |
| HDL Cholesterol |  |  | HDLC | 9R | TCHOL | Chem Auto | 3 days\* |
| hs Troponin-I  **FOR INPATIENTS ONLY**  **(check tube storage conditions with lab)** |  |  | HST | TNI | TROPI | Chem Auto | **RT:** 8 hours  **2–8°C:** 24 hours8 |
| Immunoglobulins |  | | IG | NNH | PEP | Immuno | 3 days1 |
| Iron [& Transferrin] |  |  | ITR | FE | FE | Chem Auto | 3 days\* |
| Lactate dehydrogenase (LDH) |  |  | LDH | LDH | LDH | Chem Auto | 3 days\* |
| Liver Function Test (LFT) |  |  | LFT | 1 | L | Chem Auto | 3 days\* |
| Luteinizing hormone (LH) |  |  | LHO | NNH | REF | Chem Auto | 3 days\* |
| Magnesium |  |  | MAG | MG | MAG | Chem Auto | 3 days\* |
| NT-proBNP |  |  | NTBNP | NNH | BNP | Endo | 3 days\* |
| Oestradiol |  | | RE2 | NNH | E2 | Endo | 2 days9 |
| Osmolality (serum)  **(check tube storage conditions with lab)** |  |  | SOSM | OSMOS | OSMO | Chem Auto | **RT:** 3 hours  **2–8°C:** 1 day1 |
| Paracetamol  **(check tube storage conditions with lab)** |  |  | PCET2 | PCT | PARA | Chem Auto | **RT:** 24 hours  **2–8°C:** 3 days10 |
| Parathyroid Hormone (PTH)  **(only if EDTA sample)** |  | | PTHO | NNH | PTH | Endo | 2 days1+ |
| Paul Bunnell (EBV/Glandular fever screen)  **(only if EDTA sample)** |  | | PB | GF | GFT | Haem | 1 day4 |
| Phosphate |  | | PHOS | PO4 | PO4 | Chem Auto | 3 days\* |
| Progesterone |  |  | PROGE | NNH | PROG | Chem Auto | 3 days\* |
| Prolactin |  |  | PROLA | NNH | PROL | Endo | 3 days\* |
| Prostate specific antigen (Total PSA) |  |  | PSA | PSA | PSA | Chem Auto | 3 days\* |
| Salicylate |  |  | SAL | SALIC | SALS | Chem Auto | 3 days\* |
| Serum protein electrophoresis  **(must be serum not plasma sample)** |  | | ESIS | NNH | REF | Immuno | 3 days1 |
| Sickle cell screen |  | | HBS | SS | HBSIC | Haem | 3 day11+ |
| Testosterone |  |  | TESTO | NNH | TEST | Endo | 3 days\* |
| Thyroid function test (TFT) |  |  | T | TF | TFT | Chem Auto | 3 days\* |
| Thyroid stimulating hormone (TSH) |  |  | TSH | TSH | TSH | Chem Auto | 3 days\* |
| Tissue Transglutaminase (TTG) |  | | TTG | NNH | TTG | Immuno | 2 weeks5 |
| Transferrin [& Iron] |  |  | ITR | FE | FE | Chem Auto | 3 days\* |
| Triglycerides |  |  | TRIG | 9R | TG | Chem Auto | 3 days\* |
| Urate (Uric Acid) |  |  | URA | 11 | UAC | Chem Auto | 3 days\* |
| Urea and Electrolytes (U&E) |  |  | UES | 7 | E | Chem Auto | 3 days\* |
| Vitamin B12 [& Folate] |  |  | SFOL | B12F | BSF | Chem Auto | 3 days\* |
| Vitamin D |  |  | AVD | AVD | VITD | Chem Auto | 3 days\* |

**Key:**

|  |  |
| --- | --- |
|  | **Indicates this test can be analysed out of hours** |
|  | **Indicates this test can be added-on but is only analysed during core working hours** |

**Tube type guide:**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Serum Separator Tube (SST)** |  | **EDTA Tube** |
|  | **Lithium Heparin Tube (LiH)** |  | **Sodium Citrate Tube** |

**Notes/References:**

* *Stability set at 3 days due to storage capacity at EPA – actual stability may be longer.*
* *Samples stored whole blood at room temperature*

1. *Banfi G, Bauer K, Brand W, et al. Use of anticoagulants in diagnostic laboratory investigations. WHO 2002 WHO/DIL/LAB/99.1 Rev.2*
2. *Carbon Dioxide Reagent Kit Alinity c (G71143R05), Abbott Laboratories,* *Revised June 2020*
3. *Standard Operating Procedure EHN-HAP-002: Blood Films- Staining and Reporting, 08/04/2019 revision 6*
4. *Standard Operating Procedure EBN-HQP-001: Haematology Department User Manual, April 2019 revision 5*
5. *Phadia, ELIA™ Celikey® IgA Fluoroenzymeimmunoassay For Anti Tissue Transglutaminase Antibodies, REF 250-5517-021-UK, March 2017*
6. *Digoxin Reagent Kit Alinity c (G71239R05), Abbott Laboratories,* *Revised July 2018*
7. *Standard Operating Procedure EPA-HAP-003: Automated and Manual ESR, 26/03/2019 revision 6*
8. *STAT High Sensitive Troponin-I Reagent Kit Alinity i, (G97116R02), Abbott Laboratories,* *Revised July 2020*
9. *Elecsys Estradiol III COBAS (06656021500V8.0), Roche Diagnostics, 2022*
10. *Acetaminophen Alinity c (H14802R02), Abbott Laboratories, Revised August 2022*
11. *Standard Operating Procedure EPA-HAP-007: Sickle Cell Screening Test, 09/04/2019 revision 8*