

Eastern Pathology Alliance		Title : Agreed Add-On Investigations	Page 1 of 2
Dept/Site :EPA Blood Sciences		Doc Ref: EPA-GENP-100 Appendix 1	Author: E.Miler
Revision: 3	Issued: 08/12/2023	Authorised by: Dr J Gomez	Review interval: 2 years

Please use this document in conjunction with the **Add-On Investigation Policy** and the **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 day ¹
Anti-nuclear Ab (ANA)			NANAS	NNH	REF	Immuno	7 day ¹
AST			AST	NNH	ASAT	Chem Auto	3 days*
Bicarbonate (CO ₂) (check tube type with lab)	SST	LiH	BICARB	CO2	BIC	Chem Auto	SST: 3 days ² LiH: 2 days ² (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 day ³⁺
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 hours ⁴
Coeliac Antibodies			TTG	NNH	TTG	Immuno	2 weeks ⁵
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 hours ⁴
Digoxin			DIG	DIG	DIG	Chem Auto	48 hours ⁶
Erythrocyte Sedimentation Rate (ESR)			ESR	ESR	ESR	Haem	24 hours ⁷⁺
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 day ⁴⁺
Gamma-GT (GGT)			GGT	GGT	GGT	Chem Auto	3 days*
HbA1c (only if EDTA sample)			HBA	NNH	HBA1C	Chem Auto	3 days ¹⁺
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 hours ⁸
Immunoglobulins			IG	NNH	PEP	Immuno	3 days ¹
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*

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		NNUH	JPUH	QEH		
NT-proBNP		NTBNP	NNH	BNP	Endo	3 days*
Oestradiol		RE2	NNH	E2	Endo	2 days ⁹
Osmolality (serum) (check tube storage conditions with lab)		SOSM	OSMOS	OSMO	Chem Auto	RT: 3 hours 2–8°C: 1 day ¹
Paracetamol (check tube storage conditions with lab)		PCET2	PCT	PARA	Chem Auto	RT: 24 hours 2–8°C: 3 days ¹⁰
Parathyroid Hormone (PTH) (only if EDTA sample)		PTHO	NNH	PTH	Endo	2 days ¹⁺
Paul Bunnell (EBV/Glandular fever screen) (only if EDTA sample)		PB	GF	GFT	Haem	1 day ⁴
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 days ¹
Sickle cell screen		HBS	SS	HBSIC	Haem	3 day ¹¹⁺
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 weeks ⁵
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