

Autolab Abnormal results to be Phoned to Clinicians

	GENERAL CLIENTS		VHI H@H (Loc code VHIHC and VHIOC ONLY)		CAT	RENAL CLINICS ALL CAT A	
TEST	RESULT ABOVE	RESULT BELOW	RESULT ABOVE	RESULT BELOW		RESULT ABOVE	RESULT BELOW
Adjusted / Corrected Calcium	3.49 mmol/L	1.81 mmol/L	3.49 mmol/L	1.80 mmol/L	A	3.10 mmol/L	1.80 mmol/L
AFP (JCMHB only and not GP's)	6.64 IU/mL				B		
ALT	825 IU/L		550 IU/L		B	825 IU/L	
Amylase	625 IU/L		200 IU/L		A	625 IU/L	
AST	540 IU/L		360 IU/L		B	540 IU/L	
Bile acids	40 µmol/L				A	40 µmol/L	
Bilirubin, Total			250 µmol/L if 1st time		A		
C3		0.60 g/L			B		0.60 g/L
C4		0.10 g/L			B		0.10 g/L
CA125 (JCMHB only and not GP's)	35 IU/mL				B		
CA153 (JCMHB only and not GP's)	31.5 IU/mL				B		
CA199 (JCMHB only and not GP's)	37 U/L				B		
Carbamazepine	20 ug/mL				B	20 ug/mL	
CEA (JCMHB only and not GP's)	5 ng/mL				B		
Cortisol		≤50 nmol/L (Unless dexamethasone suppression test has been performed)			A		≤50 nmol/L (Unless dexamethasone suppression test has been performed)
Cortisol am sample ⁸		140 nmol/L			A		140 nmol/L
Creatine Kinase	5000 U/L		5000 IU/L; 500 IU/L if 1st time.		A	5000 U/L	
Creatinine	353 µmol/L		200 µmol/L		A		
CRP-hs	300 mg/L		75 mg/L		A	10 mg/L	
	50 mg/L St Patrick's Univ Hosp, James Street						
Digoxin	2.0 ng/mL				B	2.0 ng/mL	
eGFR		16 ml/min			A		
FT4	49 pmol/L		100 pmol/L		B	100 pmol/L	
GGT	540 IU/L F		360 IU/L F		B	540 IU/L F	
GGT	960 IU/L M		640 IU/L M		B	960 IU/L M	

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Glucose	24.9 mmol/L	2.6 mmol/L	10 mmol/L	2.6 mmol/L	A	15.0 mmol/L	2.4 mmol/L
hs Troponin I	16 ng/L F		16 ng/L F		A	16 ng/L F	
hs Troponin I	34 ng/L M		34 ng/L M		A	34 ng/L M	

TEST	RESULT ABOVE	RESULT BELOW	RESULT ABOVE	RESULT BELOW		RESULT ABOVE	RESULT BELOW
Hypogammaglobulinaemia		IgG <3 g/L with low IgA and IgM			C		
Iron			60 umol/L		A		
Lipase2	> 320 U/L				A	> 320 U/L	
Lithium	1.5 mmol/L		1.5 mmol/L		B	1.5 mmol/L	
Magnesium	2.45 mmol/L	0.41 mmol/L	2.45 mmol/L	0.41 mmol/L	A	2.45 mmol/L	0.50 mmol/L
Phenobarb	40 ug/mL				B	40 ug/mL	
Phenytoin	30 ug/mL				B	30 ug/mL	
Phosphate		0.31 mmol/L			A	2.60 mmol/L	0.39 mmol/L
	2.60 mmol/L	0.46 mmol/L	2.6 mmol/L	0.46 mmol/L	B		
Potassium	5.9 mmol/L	2.6 mmol/L	5.5 mmol/L	3.0 mmol/L	A	5.9 mmol/L	2.6 mmol/L
		3.0 mmol/L St Patrick's Univ Hosp, James Street					
Serum Osmolality	335 mOsm/kg	250 mOsm/kg			A	350 mOsm/kg	250 mOsm/kg
Sodium	150 mmol/L	125 mmol/L	150 mmol/L	125 mmol/L	A	150 mmol/L	125 mmol/L
Tacrolimus	20 ug/L				B	20 ug/L	
Theophylline	20 ug/mL				B	20 ug/mL	
Triglycerides	19 mmol/L		15.0 mmol/L		B	15 mmol/L	
TSH	100 µIU/mL		100 uIU/mL		B	100 µIU/mL	
Urea	29.9 mmol/L		18.0 mmol/L		A		
Uric Acid			750 umol/L		C		
Valproic Acid	100 ug/mL				B	100 ug/mL	

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	ALL LOCATIONS	CAT	RENAL CLINICS ALL CAT A
ALL ANTIBIOTICS eg Vancomycin, Tobramycin, Amikacin, Gentamicin	ALL LEVELS	A	ALL LEVELS
ANA	Any positive result in children (< 18 years).	B	Any positive result in children (< 18 years).
CMV IgM	Positive CMV IgM	C	Any CMV IGM positive result.
dsDNA	Any positive result in children (< 18 years).	B	Any positive result in children (< 18 years).
ENATP	Any positive result in children (< 18 years).	B	Any positive result in children (< 18 years).
GBM	Any first time non-negative result (i.e.: > 7 U/mL)	A	Any first time non-negative result (i.e.: > 7 U/mL)
LKM Ab (France)	Any first-time positive result	B	Any first-time positive result
Monoclonal Paraprotein	Any new paraprotein above 10 g/L and ANY IgD/IgE.	C	Any new paraprotein above 10 g/L and ANY IgD/IgE.
MPO	Any first time non-negative result (i.e. > 3.5)	B	Any first time non-negative result (i.e.: > 3.5 U/mL)
NMDA Ab (France)	Any first-time positive result	B	Any first-time positive result
PR3	Any first time non-negative result (i.e.: > 2.0)	B	Any first time non-negative result (i.e.: > 2 U/mL)
Rubella IgM	Positive Rubella IgM	C	Positive Rubella IgM
ANCA (IF) (France)	Any first-time positive result	B	Any first-time positive result

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HAEMATOLOGY							
Hemoglobin	20 g/dL	7 g/dL	19.9 g/dL	9.1 g/dL	B	20 g/dL	8 g/dL
Blood Film (Morphology)	Acute Leukaemia				A	Acute Leukaemia	
	TTP					TTP	
INR	4.9		4		A	4	
Malaria films	Positive				A	Positive	
Neutrophils		0.51 x 10 ⁹ /L		1.01 x 10 ⁹ /L	A		< 1 x 10 ⁹ /L
Platelets	599 x 10 ⁹ /L	31-50 x 10 ⁹ /L			B	1000 x 10 ⁹ /L	50 x 10 ⁹ /L
		31 x 10 ⁹ /L	999 x 10 ⁹ /L	101 x 10 ⁹ /L	A		
White Cell Count	30 x 10 ⁹ /L	2 x 10 ⁹ /L	29.9 x 10 ⁹ /L	2 x 10 ⁹ /L	B	30 x 10 ⁹ /L	2 x 10 ⁹ /L

CAT A results to be communicated within 2 hours, by ON-CALL staff, if out of hours.

Renal Clinic results are all **CATEGORY A**

CAT B results must be communicated within 24 hours, by ON-CALL staff if over weekends or Bank Holidays

CAT C results must be communicated by the next working day