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AMMONIA & ETHANOL		LIQUID SAMPLE		MARCH & SEPTEMBER
Analyte Code	Analyte Name	Analyte Unit	Stat Level (For Thistle use only)	Acceptable CV
AEAMM	Ammonia	umol/l	3	20
AEETH	Ethanol	mmol/l	3	20

BLOOD GAS		AQUEOUS SOLUTION		JANUARY & JULY
Analyte Code	Analyte Name	Analyte Unit	Stat Level (For Thistle use only)	Acceptable CV
CALC	Ionised Calcium	mmol/l	1	10
CHLOR	Chloride	mmol/l	1	3.3
LAC	Lactic Acid	mmol/l	1	20
LITH	Lithium	mmol/l	1	12
PCO2	pCO2	mmHg	1	8
PH	pH	n/a	3	0.5
PO2	pO2	mmHg	1	12
POT	Potassium	mmol/l	1	8
SOD	Sodium	mmol/l	1	3
TCO2	Total CO2	mmol/l	1	9
GLU	Glucose	mmol/l	1	7.4

Blood Gas EQA Programme:

If the PO2 mean values are <100 mmHg, all values within the range +/- 15 mmHg of the mean will be considered to be acceptable. If the Ionised Calcium mean values are <0.8 mmol/l, all values within the range +/- 0.1 mmol/l of the mean will be considered to be acceptable.

BNP		LIQUID HUMAN SERUM		JANUARY & JULY
Analyte Code	Analyte Name	Analyte Unit	Stat Level (For Thistle use only)	Acceptable CV
BNBNP	BNP	pmol/l	3	20

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CARDIAC		LYOPHILISED HUMAN SERUM		MARCH & SEPTEMBER
Analyte Code	Analyte Name	Analyte Unit	Stat Level (For Thistle use only)	Acceptable CV
CRCK	CK Total	U/l	3	20
CRMBA	CK-MB Activity	U/l	3	20
CRMBM	CK-MB Mass	ng/ml	3	20
CRMHO	Homocysteine	umol/l	3	25
CRMY	Myoglobin	ng/ml	3	28
CRTRI	Troponin I	ng/ml	3	23
CRTRC	Troponin T Categories	Categories	1	n/a
CRTRT	Troponin T Quantitative	ng/ml	3	23
CRTTI	Troponin T Qualitative	Interpretation	n/a	n/a

Cardiac EQA Programme:

If CK-MB Activity mean values are <20 U/l, all values within the range +/- 4 U/l of the mean will be considered to be acceptable. If Troponin T Quantitative mean values are <0.1, all values within the range +/- 0.023 of the mean will be considered to be acceptable.

CLINICAL MICROBIOLOGY		KWIK-STIK LYOPHILISED PELLET		APRIL & OCTOBER
Analyte Code	Analyte Name	Analyte Unit	Return Name	Acceptable CV
	Organism ID		Organism ID	n/a
	Microbial Susceptibility Antibigram		Microbial Susceptibility Antibigram	n/a

CSF		LYOPHILISED CEREBROSPINAL FLUID		FEBRUARY & AUGUST
Analyte Code	Analyte Name	Analyte Unit	Stat Level (For Thistle use only)	Acceptable CV
CSALB	Albumin	mg/l	1	20
CSCHL	Chloride	mmol/l	1	20
CSGLU	Glucose	mmol/l	1	20
CSIGG	IgG	mg/l	1	20
CSLAC	Lactic Acid	mmol/l	1	20
CSPRT	Total Protein	mg/l	1	20
CSSOD	Sodium	mmol/l	1	20

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CLINICAL CHEMISTRY		LYOPHILISED HUMAN SERUM		MARCH & SEPTEMBER
Analyte Code	Analyte Name	Analyte Unit	Stat Level (For Thistle use only)	Acceptable CV
ALB	Albumin	g/l	3	7
ALT	Alanine Transaminase	U/l	3	20
AMY	Amylase	U/l	3	19
APH	Alkaline Phosphatase	U/l	3	18
APP	Acid Phosphatase, Prostatic	U/l	3	12
APT	Acid Phosphatase, Total	U/l	3	12
AST	Aspartate Transaminase	U/l	3	17
BIC	Bicarbonate	mmol/l	1	15
BILE	Bile Acid	umol/l	1	20
BILD	Bilirubin - Direct	umol/l	3	36
BILDN	Bilirubin - Neonatal	umol/l	1	20
BIL	Bilirubin - Total	umol/l	3	20
CAL	Calcium	mmol/l	2	4.4
CCCALI	Calcium - Ionised	mmol/l	1	4.4
CHL	Chloride	mmol/l	2	3.3
CHO	Cholesterol	mmol/l	2	13
CCCHE	Cholinesterase	U/l	3	14
CKT	Creatine Kinase - Total	U/l	3	20
COP	Copper	umol/l	1	13
CRE	Creatinine	umol/l	2	10
CCD3H	D-3-Hydroxybutyrate	mmol/l	1	20
FRUC	Fructosamine	umol/l	1	7
GLU	Glucose	mmol/l	2	7.4
GGT	Glutamyl Transferase	U/l	3	21
HBD	HBDH	U/l	3	12
HDL	HDL-Cholesterol	mmol/l	3	12
FER	Iron	umol/l	1	20
CCLAC	Lactate (Lactic Acid)	mmol/l	1	20
LDH	Lactate Dehydrogenase	U/l	3	15
LIS	Lipase	U/l	3	15
LIT	Lithium	mmol/l	1	12
MAG	Magnesium	mmol/l	2	8
CCNEF	NEFA (Pilot Study)	mmol/l	1	20
OSM	Osmolality	mOsm/Kg	3	3
PHO	Phosphate – Inorganic	mmol/l	2	13
POT	Potassium	mmol/l	2	8
PRT	Protein, Total	g/l	2	6
PSA	PSA	ug/l	3	15
SOD	Sodium	mmol/l	2	3
IBC	TIBC	umol/l	2	20
TRI	Triglycerides	mmol/l	2	20
UAC	Uric Acid	mmol/l	2	15
URE	Urea	mmol/l	2	15
ZIN	Zinc	umol/l	1	14

Chemistry EQA Programme:

If Bilirubin Total and Neonatal mean values are <20 µmol/l, all values within the range +/- 4 µmol/l of the mean will be considered to be acceptable. If Bilirubin Direct mean values are <20 µmol/l, all values within the range +/- 7 µmol/l of the mean will be considered to be acceptable. If Bicarbonate mean values are <20 mmol/l, all values within the range +/- 3 mmol/l of the mean will be considered to be acceptable.

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COAGULATION		LYOPHILISED HUMAN PLASMA		JANUARY & JULY
Analyte Code	Analyte Name	Analyte Unit	Stat Level (For Thistle use only)	Acceptable CV
COFDD	D-dimer Quantitative (Pilot Study)	ug/ml	3	20
COA2P	Factor II Activity	% Activity	1	15
COA5P	Factor V Activity	% Activity	1	15
COA7P	Factor VII Activity	% Activity	1	15
COA8P	Factor VIII Activity	% Activity	1	15
COA9P	Factor IX Activity	% Activity	1	15
COF10P	Factor X Activity	% Activity	1	15
COF11P	Factor XI Activity	% Activity	1	15
COF12P	Factor XII Activity	% Activity	1	15
COFF	Fibrinogen	g/l	3	25
COFPP	Plasminogen Activity	% Activity	1	15
COIAP	Antithrombin III Activity	% Activity	1	15
COICP	Protein C Activity	% Activity	1	15
COISP	Protein S Activity	% Activity	1	15
COTAS COTAR	APTT: Activated Partial Thromboplastin	Seconds	3	20
		RATIO		
		Other		
COTPS COTPR COTPI COTPP	PT: Prothrombin Time	Seconds	3	20
		RATIO		
		INR		
		% Activity		
	Other			
COTT	TT: Thrombin Time	Seconds	3	15

DIFFERENTIAL SLIDE		BLOOD SMEARS		FEBRUARY & AUGUST
Analyte Code	Analyte Name	Analyte Unit	Stat Level (For Thistle use only)	Acceptable CV
	Differential count	n/a	1	n/a
	Morphology	n/a	1	n/a

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5 Part Diff CBCX		HUMAN WHOLE BLOOD		JULY
Analyte Code	Analyte Name	Analyte Unit	Stat Level (For Thistle use only)	Acceptable CV
HHB	Haemoglobin	g/dl	1	7
HHCT	HCT	% or L/L	1	6
HMCH	MCH	pg	1	6
HMCHC	MCHC	g/dl	1	6
HMCV	MCV	fl	1	6
HMPV	MPV	fl	1	20
HPLT	Platelets	10 ⁹ /l	1	19
HRBC	RBC	10 ¹² /l	1	6
HWBC	WBC	10 ⁹ /l	1	15
HRDW	RDW	%	1	4.6
NEUTCX	Neut	%	2	20
LYMPHCX	Lymph	%	2	20
MONOCX	Mono	%	2	20
EOCX	Eo	%	2	20
BACX	Baso	%	2	20
NEUTACX	Neut #	10**9/L	2	20
LYMPHACX	Lymph #	10**9/L	2	20
MONOACX	Mono #	10**9/L	2	20
EOACX	Eo #	10**9/L	2	20
BASOACX	Baso #	10**9/L	2	20

ESR		WHOLE BLOOD		APRIL & OCTOBER
Analyte Code	Analyte Name	Analyte Unit	Stat Level (For Thistle use only)	Acceptable CV
ESR	ESR	mm/hr	2	30

ESR EQA Programme:

If ESR mean values are <10 mm/hr, all values within the range +/- 3 mm/hr of the mean will be considered to be acceptable.

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FOOD MICROBIOLOGY		MAY & NOVEMBER	
Analyte Code	Analyte Name	Analyte Unit	Acc CV
	2 to 3 Vials: Indicate Present or Absent and count	n/a	n/a
	Organisms you can expect in a 6 month cycle: <ul style="list-style-type: none"> ❖ Coliform Count ❖ Listeria ❖ Campylobacter ❖ E. coli ❖ Staphylococcus ❖ Lactic acid bacteria ❖ Bacillus cereus ❖ Shigella ❖ Yeast and Moulds ❖ Salmonella ❖ Clostridium perfringens ❖ Enterococcus ❖ Enterobacteriaceae ❖ Faecal Coliforms ❖ Vibrio ❖ Pseudomonas ❖ Vibrio Parahaemolyticus 	n/a	n/a

FORENSIC		DRIED BLOOD SPOTS		MARCH & SEPTEMBER
Analyte Code	Analyte Name	Analyte Unit	Return Name	Acceptable CV
	DNA SPOTS	n/a	Crime scene DNA matching	n/a

GLYCOSYLATED HAEMOGLOBIN (HbA1c)		LYOPHILISED HUMAN WHOLE BLOOD		JANUARY & JULY
Analyte Code	Analyte Name	Analyte Unit	Stat Level (For Thistle use only)	Acceptable CV
GDN	Glycosylated Haemoglobin	%	1	20

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HAEMATOLOGY		HUMAN WHOLE BLOOD SAMPLES		MARCH & SEPTEMBER
Analyte Code	Analyte Name	Analyte Unit	Stat Level (For Thistle use only)	Acceptable CV
HHB	Haemoglobin	g/dl	3	7
HHCT	HCT	% or L/L	3	6
HMCH	MCH	pg	3	6
HMCHC	MCHC	g/dl	3	6
HMCV	MCV	fl	3	6
HMPV	MPV	fl	3	20
HPLT	Platelets	10 ⁹ /l	3	19
HPCT	Plateletcrit	% or L/L	3	20
HRBC	RBC	10 ¹² /l	3	6
HWBC	WBC	10 ⁹ /l	3	15
HRDW	RDW CV	%	3	4.6
HRDW	RDW SD	fl	3	20

Haematology EQA Programme:

If RDW CV mean values are <15%, all values within the range of +/- 5.6% of the mean will be considered to be acceptable.

HIV SEROLOGY		HUMAN SERUM	FEBRUARY & AUGUST
Analyte Code	Analyte Name	Stat Level (For Thistle use only)	Acceptable CV
HIVN	HIV Quantitative	3	20
HIVQ	HIV Qualitative	3	n/a

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HUMAN PROTEINS		LIQUID HUMAN SERUM		MARCH & SEPTEMBER
Analyte Code	Analyte Name	Analyte Unit	Stat Level (For Thistle use only)	Acceptable CV
C3	Complement C3	g/l	3	12
C4	Complement C4	g/l	3	20
CAER	Caeruloplasmin	g/l	1	12
CRP	CRP	mg/l	3	22
CRPI	CRP Qualitative	Interpretation	1	n/a
FERR	Ferritin	ug/l	1	15
GLOA	Immunoglobulin A (IgA)	g/l	1	19
PIGE	Immunoglobulin E (IgE)	IU/ml	1	30
GLOB	Immunoglobulin G (IgG)	g/l	1	12
GLOM	Immunoglobulin M (IgM)	g/l	1	22
HAPT	Haptoglobin	g/l	1	12
PAFP	AFP	IU/ml	1	20
PALB	Albumin	g/l	1	7
PANTI	Antithrombin III	mg/l	1	14
PASO	ASO Numeric	IU/ml	1	25
PASOI	ASO Qualitative	Interpretation	1	n/a
PASOT	ASO Titre	Ratio	1	n/a
PBMIC	β -2-Microglobulin	mg/l	1	15
PGLO2	α -2-Macroglobulin	g/l	1	12
PGLYI	α -1-Acid Glycoprotein	g/l	1	12
PKLC	Kappa Light Chain, Total	g/l	1	50
PLLC	Lambda Light Chain, Total	g/l	1	50
PRBP	Retinol Binding Protein	mg/l	1	25
PREA	Prealbumin	g/l	1	12
PRF	RF Numeric	IU/ml	1	24
PRFQ	RF Qualitative	Interpretation	1	n/a
PRFT	RF Titre	Ratio	1	n/a
TRAN	Transferrin	g/l	1	11
TRYP	Alpha-1-Antitrypsin	g/l	1	16
PKLF	Kappa Light Chain, Free	mg/l	1	50
PLLF	Lambda Light Chain, Free	mg/l	1	50

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IMMUNOASSAY		LYOPHILISED HUMAN SERUM		JANUARY & JULY
Analyte Code	Analyte Name	Analyte Unit	Stat Level (For Thistle use only)	Acceptable CV
IACTH	ACTH	pmol/l	3	20
IAND	Androstenedione	nmol/l	3	11.1
..COR	Cortisol	nmol/l	3	25
.PSA	Total PSA	ng/ml	3	25
AFP	AFP	U/ml	3	20
CA125	CA 125	U/ml	3	20
CA153	CA 15-3	U/ml	3	20
CA199	CA 19-9	U/ml	3	20
CEA	CEA	ng/ml	3	20
IEST	Estriol, total (Pilot Study)	nmol/l	3	20
FERR	Ferritin	ng/ml	3	15
FOL	Folate	nmol/l	3	25
FT3	Free T3	pmol/L	3	20
FT4	Free T4	pmol/L	3	16
HCG	hCG	mU/ml	3	20
IALD	Aldosterone	pmol/l	3	25
IBMIC	Beta-2-Microglobulin	ug/ml	3	12
ICARB	Carbamazepine	umol/l	3	16
IDHE	DHEA-S	umol/l	3	20
IDIG	Digoxin	nmol/l	3	18
IIGE	Immunoglobulin E	U/ml	3	12
IPHEN	Phenytoin	umol/l	3	16
IPS	Free PSA	ng/ml	3	25
ITHEO	Theophylline	umol/l	3	20
IVALP	Valproic Acid	umol/l	3	17
T3	T3	nmol/l	3	16
T4	T4	nmol/l	3	15
TSH	TSH	uU/ml	3	20
VB12	Vitamin B12	pmol/L	3	20
Z17OH	17-OH-Progesterone	nmol/l	3	20
ZFSH	FSH	mU/ml	3	20
ZGH	GH	uU/ml	3	25
ZLH	LH	mU/ml	3	20
ZOEST	Oestradiol	pmol/l	3	20
ZPRL	Prolactin	uU/ml	3	20
ZPROG	Progesterone	nmol/l	3	25
IPHEB	Phenobarbital	umol/l	3	16
ZTEST	Testosterone	nmol/l	3	22
IDHU	DHEA, unconjugated	nmol/l	3	10
IINS	Insulin	uU/ml	3	25
IPTH	PTH	pmol/l	3	25
ISHB	SHBG	nmol/l	3	21
ITG	Thyroglobulin	ng/ml	3	17.8

IMMUNOASSAY EQA Programme:

If HCG mean values are <20 mIU/ml, all values within the range +/- 4 mIU/ml of the mean will be considered to be acceptable.

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IMMUNOASSAY SPECIALITY 1		LYOPHILISED HUMAN SERUM		JANUARY AND JULY
Analyte Code	Analyte Name	Analyte Unit	Stat Level (For Thistle use only)	Acceptable CV
TIVD125	1-25-(OH) ₂ -Vitamin D	pmol/l	3	20
TIVD25	25-OH-Vitamin D	nmol/l	3	20
TIATG	Anti-TG	kU/l	3	20
TIATP	Anti-TPO	kU/l	3	20
TICPT	C-Peptide	nmol/l	3	20
TIIGF	IGF-1	ug/l	3	20
TIOST	Osteocalcin	ug/l	3	20
TIPTH	PTH	pmol/l	3	20
TIPCT	Procalcitonin	ug/l	3	20
TIINS	Insulin	uU/ml	3	20

IMMUNOASSAY SPECIALITY 2		LYOPHILISED HUMAN SERUM		JANUARY AND JULY
Analyte Code	Analyte Name	Analyte Unit	Stat Level (For Thistle use only)	Acceptable CV
RIPCT	Procalcitonin	ug/l	3	20
RICAL	Calcitonin	pmol/l	3	20
RIGAS	Gastrin	pmol/l	3	20
RIPRA	Plasma Renin Activity	ug/l/h	3	20
RIPRD	Renin, direct concentration	mIU/l	3	20

LIPID		LYOPHILISED HUMAN SERUM		JANUARY & JULY
Analyte Code	Analyte Name	Analyte Unit	Stat Level (For Thistle use only)	Acceptable CV
LTCHO	Cholesterol Total	mmol/l	1	13
LTHDL	HDL-Cholesterol	mmol/l	3	12
LTLDL	LDL-Cholesterol	mmol/l	3	20
LTTRI	Triglycerides	mmol/l	1	20
TAPOA	Apolipoprotein A1	g/l	1	12
TAPOB	Apolipoprotein B	g/l	1	12
TAPAA	Lipoprotein (a)	mg/dl	1	21

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LIQUID CARDIAC		LIQUID HUMAN SERUM		JANUARY & JULY
Analyte Code	Analyte Name	Analyte Unit	Stat Level (For Thistle use only)	Acceptable CV
LCCKM	CKMB mass	ug/l	3	20
LCDIG	Digoxin	nmol/l	3	18
LCHO	Homocysteine	umol/l	3	25
LCHSC	HS-CRP (High Sensitivity CRP)	mg/l	3	22
LCMY	Myoglobin	ug/l	3	28
LCNTP	NT- ProBNP	pmol/l	3	20
LCTRC	Troponin T Categories	Categories	1	n/a
LCTRI	Troponin I	ug/l	3	23
LCTRT	Troponin T	ug/l	3	23
LCDDI	D-dimer Quantitative	ug/ml	3	20
LCDIN	D-dimer Interpretation	Interpretation	3	n/a

MATERNAL SCREENING		LYOPHILISED HUMAN SERUM		JANUARY & JULY
Analyte Code	Analyte Name	Analyte Unit	Stat Level (For Thistle use only)	Acceptable CV
MSAFP	AFP	kU/l	3	20
MSHCB	HCG, Free Beta	U/l	3	20
MSHCT	HCG, Total	U/l	3	20
MSINA	Inhibin A	ng/l	3	20
MSPPA	PAPP-A	U/l	3	20
MSUE3	Unconjugated Estriol	nmol/l	3	20

PREGNANCY		LYOPHILISED HUMAN SERUM		APRIL & OCTOBER
Analyte Code	Analyte Name	Analyte Unit	Stat Level (For Thistle use only)	Acceptable CV
hCG	hCG Quantitative	mIU/ml	1	20
hCGQ	hCG Qualitative	Interpretation	1	n/a

Pregnancy EQA Programme:

If Pregnancy mean values are <20 mIU/ml, all values within the range +/- 4 mIU/ml of the mean will be considered to be acceptable.

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Serology (Epstein Barr Virus)		LIQUID HUMAN SERUM		
Analyte Code	Analyte Name	Analyte Unit	Stat Level (For Thistle use only)	Acceptable CV
VEEBN	Anti-EBNA IgG	U/ml		
VEEBV	Anti-EBV VCA IgG	U/ml		
VEEBVM	Anti-EBV VCA IgM	U/ml		

Serology (HIV\Hepatitis)		LIQUID HUMAN SERUM		
Analyte Code	Analyte Name	Analyte Unit	Stat Level (For Thistle use only)	Acceptable CV
VHCMV	Anti-CMV (Total)			
VHHBC	Anti-HBc			
VHHBS	HBsAg			
VHHCV	Anti-HCV			
VHHIV1	Anti-HIV-1			
VHHIV2	Anti-HIV-2			
VHHIVC	Anti-HIV-1&2 Combi			
VHHTL1	Anti-HTLV-I			
VHHTL2	Anti-HTLV-II			
VHHTLC	Anti-HTLV-I & II Combi			

Serology (Syphilis)		LIQUID HUMAN SERUM		
Analyte Code	Analyte Name	Analyte Unit	Stat Level (For Thistle use only)	Acceptable CV
VSFTA	Syphilis – FTA-Abs	U/ml		
VSIMM	Syphilis - Immunoassay	U/ml		
VSRRP	Syphilis – RPR	U/ml		
VSRT	Syphilis – Rapid Tests	U/ml		
VSTPHA	Syphilis – TPHA	U/ml		
VSDRL	Syphilis – VDRL	U/ml		

Serology (Torch)		LIQUID HUMAN SERUM		
Analyte Code	Analyte Name	Analyte Unit	Stat Level (For Thistle use only)	Acceptable CV
VTCMG	Anti-CMV IgG	U/ml		
VTCMM	Anti-CMV IgM	U/ml		
VTHS12G	Anti-HSV1&2 IgG	U/ml		
VTHS12M	Anti-HSV1&2 IgM	U/ml		
VTHS1G	Anti-HSV1 IgG	U/ml		
VTHS1M	Anti-HSV1 IgM	U/ml		
VTHS2G	Anti-HSV2 IgG	U/ml		
VTHS2M	Anti-HSV2 IgM	U/ml		
VTRUG	Anti-Rubella IgG	U/ml		
VTRUM	Anti-Rubella IgM	U/ml		
VTTGO	Anti-Toxoplasma IgG	U/ml		
VTTOM	Anti-Toxoplasma IgM	U/ml		

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THERAPEUTIC DRUGS		LYOPHILISED HUMAN SERUM		MARCH & SEPTEMBER
Analyte Code	Analyte Name	Analyte Unit	Stat Level (For Thistle use only)	Acceptable CV
AMIK	Amikacin	umol/l	1	20
BARB	Phenobarbitone	umol/l	1	16
CAFF	Caffeine	umol/l	1	20
CARB	Carbamazepine	umol/l	1	16
CYC	Cyclosporin	nmol/l	1	25
DIG	Digoxin	nmol/l	1	18
ETHO	Ethosuxamide	umol/l	1	12
GENT	Gentamicin	umol/l	1	20
LITH	Lithium	mmol/l	1	12
METH	Methotrexate	umol/l	1	20
PARA	Paracetamol	mmol/l	1	12
PHEN	Phenytoin	umol/l	1	16
PRIE	Primidone	umol/l	1	20
SALI	Salicylic Acid	mmol/l	1	12
THEO	Theophylline	umol/l	1	20
TOBR	Tobramycin	umol/l	1	20
VALP	Valproic Acid	umol/l	1	17
VANC	Vancomycin	umol/l	1	20

Therapeutic Drugs EQA Programme:

If Lithium mean values are <12 mmol/l, all values within the range +/- 0.2 mmol/l of the mean will be considered to be acceptable.

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URINE CHEMISTRY		LYOPHILISED HUMAN URINE		JANUARY & JULY
Analyte Code	Analyte Name	Analyte Unit	Stat Level (For Thistle use only)	Acceptable CV
-ALB	Microalbumin	mg/l	1	15
-AMY	Amylase	U/l	3	19
-CAL	Calcium	mmol/l	1	12
-CHL	Chloride	mmol/l	1	10
-COP	Copper	umol/l	1	25
-COR	Cortisol	nmol/l	1	25
-CRE	Creatinine	mmol/l	1	15
-DOP	Dopamine	nmol/l	1	25
-EPI	Epinephrine	nmol/l	1	33
-GLU	Glucose	mmol/l	1	10
-HIAA	5-HIAA	umol/l	1	20
-MAG	Magnesium	mmol/l	1	25
-MET	Metanephrine	umol/l	1	33
-NOR	Norepinephrine	nmol/l	1	33
-NORM	Normetanephrine	umol/l	1	33
-OSM	Osmolality	mOsm/kg	1	5
-OXA	Oxalate	mmol/l	1	25
-PHO	Phosphate, Inorganic	mmol/l	1	13
-POT	Potassium	mmol/l	1	10
-PRTA	Protein	g/l	1	10
-SOD	Sodium	mmol/l	1	10
-UACR	ACR (Pilot Study)	Mg/mmol	1	20
-UAC	Uric Acid	mmol/l	1	15
-URE	Urea	mmol/l	1	16
-VMA	VMA	umol/l	1	25

Urine Chemistry EQA Programme

If Urine Protein mean values are <1 g/l, all values within the range +/- 0.1 g/l of the mean will be considered to be acceptable.

PLEASE CONTACT SERVICE@THISTLE.CO.ZA IF YOU REQUIRE INFORMATION ON ANY ANALYTE THAT IS NOT AVAILABLE ON THIS LIST.