

Biochemistry Test Information

Code	Test Name	Units	Ref Comment	External	Loinc	Tube type	Sample type	TAT (hrs)	Comment
17H	17-alpha-hydroxyprogesterone*	nmol/L	Female only: < 12 yr 0.69 to 6.99 > 12 yr Follicular 0.52 - 7.97 Ovulation 0.90 - 7.20 Luteal 0.65 - 8.29	X	14569-8	SST 1mL	SERUM	168	
24CORTT	24Hr Cortisol*	nmol/24h	153.20 to 789.40	X	32310-5	24hr urine	URINE	96	
24HUP	24hr Urine Potassium*	mmol/24h	25 to 125	X		24hr urine	URINE	72	
24HUS	24hr Urine Sodium*	mmol/24	40 to 220	X		24hr urine	URINE	72	
24UCA	24hr Urine Calcium*	mmol/24h	2.5 to 7.5	X		24hr urine (acidified)	URINE	72	
5HIAA	5-HIAA (24 h)*	µmol/24h	>50	X		24hr urine (acidified)	URINE	168	
6TN	6-Thioguanine Nucleotide*	pmol/8x10e8rbc	235 to 450	X		EDTA 4mL	BLOOD	168	
A1AT	Alpha 1 Antitrypsin*	g/L	0.9 to 2.0	X	1825-9	SST 1mL	SERUM	72	
A1C	HbA1c	mmol/mol	Likely diabetic: > or = 48 High-risk for diabetes: 42- 47 Non-diabetic: < 42 Ideal diabetes control target: 42-53 This test is used to determine HbA1c in human anticoagulated venous whole blood and should not be used to diagnose diabetes in those with any condition associated with rapid turnover of red-blood cells or recent onset hyperglycaemia such as pregnancy, type 1 diabetes, anaemia or following recent blood loss. In cases where HbF is increased, usually found in some people with thalassemia, in infants, and in some pregnant women, the HbA1c result will be low with this assay.			EDTA 4mL	BLOOD	12	
ACE	Angiotensin Converting Enzyme (ACE)*	ACEU	13.3 to 63.9	X	2742-5	SST 1mL	BLOOD	72	
ACTH	Adrenocorticotropic Hormone (ACTH)*	pg/mL	5-46	X		EDTA 4mL	PLASMA	72	Urgent Collection Required
ADCA	Adjusted calcium	mmol/L	2.2 to 2.6			SST 1mL	SERUM	12	
AFP	Alpha-fetoprotein*	ng/mL	0.00 to 8.00	X	53962-7	SST 1mL	SERUM	72	
ALB	Albumin**	g/L	<1 yr 30 to 45 1-16 yr 30 to 50 >16 yr 35 to 50			SST 1mL	SERUM	72	
ALBU	Albumin (Urine)*	g/L	>3.0	X		Universal 25mL	URINE	72	
ALD	Aldosterone*	nmol/L	0.037 to 0.641	X	15012-8	SST 1mL	SERUM	72	
ALP	Alkaline Phosphatase (ALP)**	U/L	<1 yr 70 to 380 1-16 yr 60 to 425 >16 30 to 130			SST 1mL	SERUM	12	
ALT	Alanine aminotransferase (ALT)	U/L	10 to 49			SST 1mL	SERUM	12	

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AMH	Anti-Mullerian Hormone *	pmol/L	Female: 18-25 yr 8.71 to 83.54 25-30 yr 6.35 to 70.33 30-35 yr 4.11 to 58.05 35-40 yr 1.05 to 43.48 40-45 yr 0.19 to 39.06 45-55 0.07 to 19.35 Male: 18-65 yr 5.50 to 103.53	X	48377-6	SST 1mL	SERUM	168	
AMY	Amylase	U/L	30 to 118			SST 1mL	SERUM	12	
AND	Androstenedione*	nmol/L	Female: <3 yr 0.00 to 1.05 3-10yr 0.60 to 4.40 10-15 yr 3.50 to 19.60 15-20 6.70 to 20.90 20-25 6.80 to 23.00 25-30 yr 6.10 to 20.90 30-35 5.20 to 16.70 35-40 yr 4.50 to 15.00 40-50yr 3.40 to 13.80 >50 yr 1.80 to 12.00 Male: <6 yr 0.00 to 1.05 6-10 yr 0.50 to 5.68 >10 yr 2.40 to 15.20	X	14603-5	SST 1mL	SERUM	72	
APOA	Apolipoprotein A1*	g/L	Female: 0.76 to 2.14 Male: 0.79 to 1.69	X	1869-7	SST 1mL	SERUM	72	
APOB	Apolipoprotein B*	g/L	Female: 0.46 to 1.42 Male: 0.46 to 1.74	X	1884-6	SST 1mL	SERUM	72	
AST	Aspartate aminotransferase (AST)	U/L	<34			SST 1mL	SERUM	12	
ATPO	Thyroid Peroxidase Ab (TPO)	U/mL	<60			SST 1mL	SERUM	12	
B12	Vitamin B12	ng/L	211 to 911			SST 1mL	SERUM	12	
B2GP	Beta 2 Glycoprotein 1 IGG Ab*	IU/mL	<10	X		SST 1mL	BLOOD	72	
B2M	Beta 2 Microglobulin*	mg/L	1.00 to 3.10	X	83078-6	SST 1mL	SERUM	72	
BILID	Bilirubin (direct)*	µmol/L	1 yr or less <40.00, >1 yr 0.00 to 5.00	X	14629-0	SST 1mL	SERUM	72	
BILIT	Bilirubin (total)**	µmol/L	<21			SST 1mL	SERUM	12	
BNP	NT-pro BNP	ng/L	<75 yr <125 >75 yr <450			SST 1mL	SERUM	12	
C125	CA125	U/mL	Less than or Equal to 35 U/mL.			SST 1mL	SERUM	12	

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C3	Complement 3 (C3)	g/L	<3 months 0.60 to 1.10 3-6 months 0.70 to 1.20 6-9 months 0.70 to 1.40 9-12 months 0.80 to 1.40 1-10 yr 0.80 to 1.50 10-18 yr 0.90 to 1.60 18-40 yr 0.80 to 1.60 >40 yr 0.90 to 1.70			SST 1mL	SERUM	18	
C4	Complement 4 (C4)	g/L	0.12 to 0.36			SST 1mL	SERUM	18	
CA	Calcium**	mmol/L	0-1 month 2.00 to 2.70 1 moth to 16 yr 2.20 to 2.70 >16 yr 2.08 to 2.65 (manufacturer derived)			SST 1mL	SERUM	12	
CA153	CA15-3*	U/mL	0.00 to 32.40	X	83083-6	SST 1mL	SERUM	72	
CA199	CA19-9	U/mL	<120 yr 0 to 37			SST 1mL	SERUM	12	
CAER	Caeruloplasmin*	g/L	Female: 0.20 to 0.45 Male: 0.15 to 0.30	X	2064-4	SST 1mL	SERUM	72	
CALP	Calprotectin (Faeces)*	µg/g	>50	X	38445-3	Universal 25mL	FEACES	96	
CARB	Carbamazepine*	µmol/L	<120 yr 4 to 12	X	14639-9	SST 1mL	SERUM	168	
CAU	Calcium random (Urine)*	mmol/L	1.25 to 3.75	X	2004-0	Universal 25mL	URINE	72	
CCIT	Calcitonin*	pg/mL	0.00-8.40	X	1992-7	SST 1mL	SERUM	72	
CCR	Calcium/creatinine ratio urine*		0.25 to 0.55	X	24518-3	Universal 25mL	URINE	72	
CEA	Carcinoembryonic antigen (CEA)	ug/L	Non-smokers: Less than or equal to 2.5 ug/L Smokers: Less than or equal to 5.0 ug/L			SST 1mL	SERUM	12	
CHDL	Cholesterol : HDL ratio		0 to 5			SST 1mL	SERUM	12	
CHOL	Total Cholesterol	mmol/L	Heart UK recommends a total cholesterol <5.0 mmol/L as a target. NICE CG181 advises consider the possibility of familial hypercholesterolaemia in those with a total cholesterol >7.5 mmol/L AND a family history of premature coronary heart disease.			SST 1mL	SERUM	12	
CHROM	Chromium*	nmol/L		X		EDTA 4mL	BLOOD	240	
CK	Creatine kinase (CK)**	IU/L	Female: 25 to 200 Male: 40 to 320			SST 1mL	SERUM	12	
CL	Chloride	mmol/L	95 to 108			SST 1mL	SERUM	12	
CLU	Chloride random (Urine)*	mmol/L	20 to 330	X	2078-4	Universal 25mL	URINE	72	
CO2	Bicarbonate	mmol/L	20 to 31			SST 1mL	SERUM	12	
COB	Cobalt*	nmol/L	1.7 to 6.8	X	25378-1	Dark Blue 1mL	BLOOD	72	
COPP	Copper*	µmol/L	11.00 to 22.00	X	14665-4	SST 1mL	SERUM	240	
CORT	Cortisol	nmol/L	138 to 690			SST 1mL	SERUM	72	
CPEP	C-peptide*	nmol/L	0.27 to 1.27	X	14633-2	SST 1mL	SERUM	72	

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CREA	Creatinine (enzymatic)	µmol/L	Female: 44 to 71. Male: 53 to 97			SST 1mL	SERUM	12	
CREAU	Creatinine random (Urine)*	mmol/L	<1 month 1.20 to 4.40 1 month to 1 yr 0.40 to 5.40 >1 yr 5.70 to 14.70	X	14683-7	Universal 25mL	URINE	72	
CRP	C-reactive protein	mg/L	<10			SST 1mL	SERUM	12	
DHEA	Dehydroepiandrosterone Sulphate (DHEAS)*	µmol/L	Female: 0-5 yr 0.12 to 0.71 5-10 yr 0.76 to 5.59 10-15 yr 2.87 to 11.88 15-20 yr 4.10 to 12.56 20-30 yr 3.50 to 11.13 30-40 yr 2.56 to 8.94 40-50 yr 1.67 to 7.29 >50 yr 0.58-5.06 Male: 0-5 yr 0.11 to 1.20 5-10 yr 0.57 to 5.41 10-15 yr 2.18 to 9.05 15-20 yr 4.12 to 13.19 20-30 yr 2.87 to 16.17 30-40 yr 2.28 to 13.42 40-50 yr 1.46 to 10.36 >50 yr 0.60 to 7.07	X	14688-6	SST 1mL	SERUM	72	
DIGO	Digoxin*	nmol/L	1.03 to 2.57	X	14698-5	SST 1mL	SERUM	72	
DTEST	Dihydrotestosterone*	nmol/L	<2 weeks: <1.89 (Male), <0.1 (Female). 2 weeks - 6 months: 0.14 - 4.13 (Male), <0.1 (Female). Tanner Stage 1 (6 months - <9.8 years): <0.1 (Male), <0.1 (Female). Tanner Stage 2 (9.8 - 14.5 years): 0.1 - 0.59 (Male), 0.17 - 0.41 (Female). Tanner Stage 3 (10.7 - 15.4 years): 0.28 - 1.14 (Male), 0.24 - 0.66 (Female). Tanner Stage 4 (11.8 - 16.2 years): 0.76 - 1.79 (Male), 0.14 - 0.45 (Female). Tanner Stage 5 (12.8 - 17.3 years): 0.83 - 2.24 (Male), 0.1 - 0.62 (Female). Adult Male: 0.86 - 3.40 nmol/L. Adult Female: <1.27 nmol/L. Postmenopausal Female: <0.62 nmol/L.	X		SST 1mL	BLOOD	72	
E2	Oestradiol	pmol/L	Female: Follicular phase: 72 - 529 Midcycle: 235 - 1309 Luteal phase: 205 - 786 Postmenopausal: ND - 118 Male: <146			SST 1mL	SERUM	12	

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ELAS	Elastase (Faeces)*	µg/g	>200 = Normal function of the pancreas 100 - 200 = Mild to moderate exocrine insufficiency of the pancreas <100 = Severe exocrine insufficiency of the pancreas	X	25907-7	Universal 25mL	FEACES	168	
FAI	Free androgen index	%	Female: 2-10 yr <0.14 to 3.01 11-15yr 0.18 to 4.55 16-20yr 0.74 to 6.31 Premenopause 0.31 to 9.79 Male: 2-10yr <0.14 to 0.92 11-12 yr <0.14 to 32.71 12-13yr <0.14 to 43.01 13-14yr 0.46 to 56.18 14-15yr 1.38 to 78.27 15-16yr 12.27 to 92.69 16-20yr 10.31 to 146.42 21-49yr 14.53 to 80.29 50-89yr 9.35 to 52.48		24125-7	SST 1mL	SERUM	72	
FE	Iron	µmol/L	Female: 9 to 30 Male: 12 to 31			SST 1mL	SERUM	12	
FER	Ferritin	µg/L	Female: 10 to 291 Male: 22 to 322			SST 1mL	SERUM	12	
FLAMY	Fluid Amylase*	U/L	30 -118 This assay has not been validated for samples other than serum, results should be interpreted in the light of clinical details.	X		Universal 25mL	FLUID	72	
FOL	Folate	µg/L	Deficient 0.35 - 3.37 Indeterminate 3.38 - 5.38 Normal > 5.38			SST 1mL	SERUM	12	
FRUC	Fructosamine*	µmol/L	117.00 to 289.00	X	15069-8	SST 1mL	SERUM	72	
FSH	Follicle Stimulating Hormone (FSH)	IU/L	Female: Follicular phase: 3 to 10 Midcycle phase: 3 to 33 Luteal phase: 2 to 9 Pregnant: <1 Post-menopausal: 23 to 116 Male: 0-13yr Please contact the lab 13-70yr 1-18 >70yr Please contact the lab			SST 1mL	SERUM	12	
FT3	Free T3	pmol/L	4w-23m 5.1 to 8.0 23m-12yr 5.1 to 7.4 12-20yr 4.7 to 7.2 >20yr 3.5 to 6.5		14930-2	SST 1mL	SERUM	12	
FT4	Free T4	pmol/L	4w-23m 12.1 to 18.1 2-12yr 11.1 to 18.1 12-20yr 10.7 to 18.4 >20yr 11.5 to 22.7		14921-1	SST 1mL	SERUM	12	

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GENT	Gentamicin*	mg/L	Residual concentration: < 1 mg/l (mild infection) < 2 mg/l (severe infection) Peak concentration: 5-8 mg/l (mild infection) 8-12 mg/l (severe infection)	X	35668-3	SST 1mL	SERUM	72	
GFR	eGFR	ml/min/1.73 m ²	GFR (ml/min/1.73 m ²) >90 Normal. 60-89 Mildly reduced. 30-59 Moderately reduced. 15-29 Severely reduced. <15 Kidney failure. Please note new CKD-EPI creatinine equation (2021) that does not use race as a coefficient, used from 4/3/2022.			SST 1mL	SERUM	12	
GGT	GGT	U/L	Female: <38 Male: <73			SST 1mL	SERUM	12	
GLOB	Globulin	g/L	20 to 35			SST 1mL	SERUM	12	
GLU	Glucose (serum)	mmol/L	0-1 d 2.8 to 4.4 1d-4w 2.2 to 3.3 4w-20yr 3.3 to 5.6 >20yr 4.1 to 5.9			SST 1mL	SERUM	12	
GLUP	Glucose (Plasma)	mmol/L	0-1d 2.8 to 4.4 1d-4w 2.2 to 3.3 4w-20yr 3.3 to 5.6 >20yr 4.1 to 5.9			Fluoride Oxalate 4mL	PLASMA	12	
HAP	Haptoglobin*	g/L	0.40 to 2.40	X	4542-7	SST 1mL	SERUM	72	
HCG	Human chorionic gonadotropin (HCG)	IU/L	Males and female: <6, postmenopausal women <10.			SST 1mL	SERUM	12	
HDL	HDL Cholesterol	mmol/L	Low (undesirable, high risk): <1.00 High (desirable, low risk): >1.60			SST 1mL	SERUM	12	
HOMOC	Homocysteine*	µmol/L	0-61yr 3.70 to 13.00 >61yr 3.70 to 16.00	X	13965-9	EDTA 4mL	PLASMA	72	
HSCRCP	HS CRP	mg/L	>3			SST 1mL	SERUM	12	
IGA	Immunoglobulin A	g/L	0.40 to 3.50			SST 1mL	SERUM	18	
IGF1	Insulin Like Growth Factor 1 (IGF-1)*	ng/mL	geometric mean of 17 IU/mL	X	2484-4	SST 1mL	SERUM	72	
IGG	Immunoglobulin G	g/L	6.50 to 16.00			SST 1mL	SERUM	72	
IGM	Immunoglobulin M	g/L	0.50 to 3.00			SST 1mL	SERUM	18	
INS	Insulin*	mIU/L	3.00 to 25.00	X	20448-7	SST 1mL	SERUM	96	
K	Potassium**	mmol/L	3.5 to 5.3			SST 1mL	SERUM	12	
KAPPA	Kappa light chains*	mg/L	3.30 to 19.40	X	36916-5	SST 1mL	SERUM	72	
LAMBDA	Lambda light chains*	mg/L	5.71 to 26.30	X	33944-0	SST 1mL	SERUM	72	
LDH	Lactate dehydrogenase (LDH)	U/L	120 to 246			SST 1mL	SERUM	18	
LDL	LDL (calculated)	mmol/L	Desirable: <3.0			SST 1mL	SERUM	12	

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LH	Luteinising hormone (LH)	IU/L	Female: Follicular Phase: 1.9-12.5 Midcycle: 8.7-76.3 Luteal Phase: 0.5-16.9 Pregnant: <0.1-1.5 Postmenopausal: 7.9-53.8 Male: 20-70yr 1.5 to 9.3 >70yr 3.1 to 34.6			SST 1mL	SERUM	12	
LITH	Lithium*	mmol/L	0.3 to 1.1	X	14334-7	Plain 4mL	SERUM	168	
LPA	Lipoprotein (a)*	mg/L	>300.00	X	10835-7	SST 1mL	SERUM	72	
MG	Magnesium**	mmol/L	0-4w 0.6 to 1.00 >4w 0.7 to 1.00			SST 1mL	SERUM	12	
NA	Sodium**	mmol/L	133 to 146			SST 1mL	SERUM	72	
PHB	Phenobarbitone*	µg/mL	0-17 yr 15.00 to 30.00 >17yr 15.00 to 40.00	X	3948-7	Plain 4mL	SERUM		
PHOS	Phosphate	mmol/L	0.8 to 1.50			SST 1mL	SERUM	12	
PHY	Phenytoin*	mg/L	5-20	X		SST 1mL	BLOOD		
PRNTP	Procollagen type I.N-terminal propeptide*	µg/L	Female: 0-50yr 15.00 to 59.00 >50yr 16.00 to 76.00 Male: 40-70yr 17.00 to 71.00	X	77370-5	SST 1mL	SERUM	72	
PROG	Progesterone	nmol/L	Female: Normal Females: Follicular phase: ND-4.45 Luteal phase: 10.62-81.28 Mid luteal phase: 14.12-89.14 Postmenopausal: ND-2.32 Pregnant females: First trimester: 35.68-286.2 Second trimester: 81.25-284.29 Third trimester: 153.91-1343.55 Female Children: 12 years: <0.67-5.53 13-21 years: <0.67-39.43 Male: 0.89 to 3.88			SST 1mL	SERUM	12	
PROL	Prolactin	mIU/L	Female: 0-20yr Please contact the laboratory for ranges >20yr Nonpregnant: 59 - 619 Pregnant: 206 - 4420 Postmenopausal: 38 - 430 Male: 0-20yr Please contact the laboratory for ranges >20yr 45 to 375			SST	SERUM	12	

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PSA	Prostate Specific Antigen (PSA)	µg/L	40 - 50y: <2.0 ug/L 50 - 60y: <3.0 ug/L 60 - 70y: <4.0 ug/L >70y: <5.0 ug/L Source: Prostate Cancer Risk Management Programme.			SST 1mL	SERUM	12	
PTH	Parathyroid hormone (PTH)	pmol/L	1.96 to 9.33 In the context of hypercalcaemia, a raised PTH or a concentration towards the upper end of the reference range is suggestive of primary hyperparathyroidism.			SST 1mL	SERUM	96	
RENS	Renin supine*	uIU/mL	2.8 to 39.9	X	17516-6	EDTA 4mL	PLASMA	#N/A	Urgent Collection Required
RENU	Renin upright*	uIU/mL	4.4 to 46.1	X	2918-1	EDTA 4mL	PLASMA	#N/A	Urgent Collection Required
RF	Rheumatoid factor	IU/mL	<14			SST 1mL	SERUM	24	
SARST	SARS-CoV-2 Total Abs		<1.0 Nonreactive >1.0 Reactive			SST 1mL	SERUM	48	
SELE	Selenium*	µmol/L	<4.3w 0.10 to 0.90 4w-24m 0.20 to 0.90 1-4yr 0.50 to 1.30 4-16yr 0.70 to 1.70 >16yr 0.80 to 2.00	X	25521-6	SST 1mL	SERUM	240	
SERO	Serotonin*	nmol/L	Female: 227.0 to 2268.0 Male: 453.6 to 2551.5	X	14910-4	SST 1mL	SERUM	168	
SHBG	Sex Hormone Binding Globulin (SHBG)	nmol/L	Female: <49yr 17.69 to 138.26 >50 23.65 to 110.61 Male: <49 11.54 to 54.49 >50 17.33 to 71.50			SST 1mL	SERUM	12	
TESTO	Testosterone	nmol/L	Female: <21yr contact the laboratory for ranges >21yr Premenopause: 0.4 - 2.1 Postmenopause: <0.3 - 1.7 Male: <50yr 5.7 to 26.1 >50yr 3.0 to 27.4			SST 1mL	SERUM	12	
THEO	Theophylline*	µg/mL	10.00 to 20.00	X	4049-3	Plain 4mL	SERUM	72	
THG	Thyroglobulin Level*	ng/mL	1.60 to 55.0	X	3013-0	SST 1mL	SERUM	72	
TIBC	Total Iron Binding Capacity (TIBC)	µmol/L	45 to 76			SST 1mL	SERUM	12	
TP	Total protein	g/L	60 to 80			SST 1mL	SERUM	12	
TRANS	Transferrin*	g/L	Female: 2.50 to 3.80 Male: 2.15 to 3.65			SST 1mL	SERUM	12	
TRANSAT	Iron saturation	%	Female: >18yr 35 to 45 Male: >18yr 38 to 49 Both:			SST 1mL	SERUM	12	

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			<18yr Iron saturation (equivalent to transferrin saturation) is low in iron deficiency and raised in iron overload states. Iron saturation (%) = iron concentration / total iron-binding capacity (equivalent to transferrin concentration) x 100						
TRIG	Triglyceride	mmol/L	Normal: <1.70 Borderline high: 1.70 - 2.25 High: 2.26 - 5.64 Very high: >5.65			SST 1mL	SERUM	12	
TROP	High-Sensitivity Troponin I (Trop I)	ng/L	Female: <38.64 Male: <53.53 Results of this assay should always be interpreted in conjunction with the patient's medical history, clinical presentation, and ECG changes. The 4th Universal Definition of Myocardial Infarction, MI (2019) defines MI as the detection of a rise and/or fall of cardiac troponin I with at least 1 value above the 99th percentile upper reference limit together with symptoms of ischaemia. Please note some non-cardiac causes such as renal impairment may result in elevations of troponin. Please discuss result with a Cardiologist.			SST 1mL	SERUM	12	
TSH	Thyroid stimulating hormone (TSH)	mIU/L	4w-23m 0.9 to 6.2 23m-12yr 0.7 to 4.2 12-20yr 0.5 to 4.2 >20yr 0.60 to 4.8			SST 1mL	SERUM	12	
TSI	Thyroid Stimulating Immunoglobulin (TSI)	IU/L	Normal < 0.10 IU/L > 0.55 IU/L is 99.7% specific for Graves disease			SST 1mL	SERUM	12	
UACR	Albumin / creatinine ratio (Urine)*	mg/mmol	Female: >3.50 Male: >2.50	X	30000-4	Universal 25mL	URINE	72	
UCAODP	24Hour Urine Calcium*	mmol/24h	<6w 0.00 to 1.50 6w-12m 0.10 to 2.50 12m-15y 2.00 to 4.00 >15yr 2.40 to 7.20	X	14637-3	24hr urine container	URINE	#N/A	
UPCR	Protein/Creatinine Ratio (Urine)*	g/mol	>14.9	X	2890-2	Universal 25mL	URINE	#N/A	
URATE	Urate**	umol/L	Female: 140 to 360 Male: 200 to 430			SST 1mL	SERUM	12	

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UREA	Urea**	mmol/L	<4w 0.8 to 5.5 4w-12m 1 to 5.5 12m-16yr 2.5 to 6.5 >16yr 2.5 to 7.8			SST 1mL	SERUM	12	
VANCO	Vancomycin*	mg/L	Residual concentration: 5-10 mg/l Peak concentration after a 60-minute infusion of vancomycin: 30 minutes after infusion: 30-50 mg/l 60 minutes after infusion: 25-40 mg/l 120 minutes after infusion: 20-25 mg/l The results should be interpreted in the whole context, i.e., together with other laboratory findings and the clinical picture of the patient. The concentrations given should be seen as indicative.	X	20578-1	Plain 4mL	SERUM	72	
VITA	Vitamin A*	mg/L	<6yr 0.11 to 0.65 6-12yr 0.13 to 0.81 12-17yr 0.14 to 0.98 >17yr 0.33 to 0.78	X	2923-1	SST 1mL	SERUM	240	Urgent Collection Required
VITD	Vitamin D Total	nmol/L	Sufficient: 75 - 250 Insufficient: 50 - 74 Deficient: <50			SST 1mL	SERUM	18	
XLAPS	Beta-Crosslaps*	pg/mL	Female: <50yr 25.00 to 573.00 >50yr 104.00 to 1008.00 Male: 30-50yr 16.00 to 584.00 50-70yr 0.00 to 704.00 >70yr 0.00 to 854.00	X	41171-0	SST 1mL	SERUM	36	
ZINC	Zinc*	µmol/L	12.00 to 18.00	X	14955-9	SST 1mL	SERUM	240	

Source: Manufacturer Instructions for Use (reviewed 11/2021) unless otherwise stated; * Referral Laboratory reference range; ** Pathology Harmonisation reference range.