

Name	Sex	Age	Low	High	Units
AFP	B	<30 days	41.5	83,000	U/ml
AFP	B	1 month - 3 months	33.2	830	U/ml
AFP	B	4 months - 18 years	0	9.6	U/ml
AFP	B	18+ years	0	6	U/ml
Albumin	B	<4 weeks	30	45	g/L
Albumin	B	4 weeks - 1 year	30	45	g/L
Albumin	B	1 year - 16 years	30	50	g/L
Albumin	B	16+ years	35	50	g/L
Alcohol	B	16+ years	-	-	mg/L
Alkaline Phosphatase	B	<4 weeks	70	380	U/L
Alkaline Phosphatase	B	4 weeks - 1 year	60	425	U/L
Alkaline Phosphatase	B	1 year - 16 years	60	425	U/L
Alkaline Phosphatase	B	16+ years	30	130	U/L
ALT	B	1 day	0	31	U/L
ALT	B	2 days - 5 days	0	52	U/L
ALT	B	6 days - 6 months	0	60	U/L
ALT	B	7 months - 12 months	0	57	U/L
ALT	B	1 year - 3 years	0	39	U/L
ALT	B	4 years - 6 years	0	39	U/L
ALT	B	7 years - 12 years	0	39	U/L
ALT	F	13 years - 17 years	0	23	U/L
ALT	M	13 years - 17 years	0	26	U/L
ALT	F	17+ years	0	33	U/L
ALT	M	17+ years	0	41	U/L
Ammonia	B	sick/premature		<150	umol/L
Ammonia	B	<4 weeks		<100	umol/L
Ammonia	B	4 weeks - 16 years		<50	umol/L
Ammonia	B	16+ years	11	32	umol/L
Amylase	B	<15 days	3	11	U/L
Amylase	B	15 days - 13 weeks	0	25	U/L
Amylase	B	13 weeks - 1 year	3	58	U/L
Amylase	B	1 year - 19 years	29	118	U/L
Amylase	B	19+ years	0	100	U/L
AST	B	<15 days	0	155	U/L
AST	B	15 days - 1 year	0	63	U/L
AST	B	1 year - 7 years	0	41	U/L
AST	B	7 years - 11 years	0	33	U/L
AST	F	12 years - 17 years	0	23	U/L
AST	M	12 years - 17 years	0	32	U/L
AST	F	17+ years	0	32	U/L
AST	M	17+ years	0	40	U/L
Bicarbonate	B	<4 weeks	19	28	mmol/L
Bicarbonate	B	4 weeks - 1 year	19	28	mmol/L
Bicarbonate	B	1 year - 16 years	19	28	mmol/L
Bicarbonate	B	16+ years	22	29	mmol/L
Bilirubin, Direct	B	All	0	3.4	umol/L
Bilirubin, Total	B	<1 day	0	137	umol/L
Bilirubin, Total	B	1 day - 2 days	0	222	umol/L
Bilirubin, Total	B	3 days - 14 days	0	290	umol/L

Bilirubin, Total	B	15 days - 16 years	-	<21	umol/L
Bilirubin, Total	B	16+ years	-	<21	umol/L
CA 125	B	16+ years	0	35	U/ml
Calcium	B	<4 weeks	2.00	2.70	mmol/L
Calcium	B	4 weeks - 16 years	2.20	2.70	mmol/L
Calcium	B	16+ years	2.15	2.65	mmol/L
Calcium (Adjusted)	B	16+ years	2.20	2.60	mmol/L
CEA	B	All	-	-	ug/L
Chloride	B	All	95	108	mmol/L
Cholesterol, HDL	B	All	-	-	mmol/L
Cholesterol, LDL	B	All	-	-	mmol/L
Cholesterol, non-HDL	B	All	-	-	mmol/L
Cholesterol, Total	B	All	-	-	mmol/L
Cortisol	B	All	LC	-	mmol/L
C-Reactive Protein	B	All	0	5	mg/L
Creatine Kinase	B	1 day	0	712	U/L
Creatine Kinase	B	2 days - 5 days	0	652	U/L
Creatine Kinase	B	6 days - 6 months	0	295	U/L
Creatine Kinase	B	7 months - 12 months	0	203	U/L
Creatine Kinase	B	1 year - 3 years	0	228	U/L
Creatine Kinase	B	4 years - 6 years	0	149	U/L
Creatine Kinase	F	7 years - 12 years	0	154	U/L
Creatine Kinase	M	7 years - 12 years	0	247	U/L
Creatine Kinase	F	13 years - 17 years	0	123	U/L
Creatine Kinase	M	13 years - 17 years	0	270	U/L
Creatine Kinase	F	17+ years	25	200	U/L
Creatine Kinase	M	17+ years	40	320	U/L
Creatinine	B	<2 months	27	77	mmol/L
Creatinine	B	2 months - 12 months	14	34	mmol/L
Creatinine	B	1 year - 2 years	15	31	mmol/L
Creatinine	B	3 years - 4 years	23	37	mmol/L
Creatinine	B	5 years - 6 years	25	42	mmol/L
Creatinine	B	7 years - 8 years	30	47	mmol/L
Creatinine	B	9 years - 10 years	29	56	mmol/L
Creatinine	B	11 years - 12 years	39	60	mmol/L
Creatinine	B	13 years - 14 years	40	68	mmol/L
Creatinine	F	15+ years	45	84	mmol/L
Creatinine	M	15+ years	59	104	mmol/L
CSF glucose	B	<18 years	3.33	4.44	mmol/L
CSF glucose	B	18+ years	2.22	3.89	mmol/L
CSF Lactate	B	<3 days	1.1	6.7	mmol/L
CSF Lactate	B	3 days - 10 days	1.1	4.4	mmol/L
CSF Lactate	B	11 days - 18 years	1.1	2.8	mmol/L
CSF Lactate	B	18+ years	1.1	2.4	mmol/L
CSF Total Protein	B	1 day - 1 month	0.25	0.72	g/L
CSF Total Protein	B	2 months - 3 months	0.2	0.72	g/L
CSF Total Protein	B	4 months - 6 months	0.15	0.5	g/L
CSF Total Protein	B	7 months - 12 months	0.1	0.45	g/L
CSF Total Protein	B	1 year - 2 years	0.1	0.4	g/L
CSF Total Protein	B	3 years - 4 years	0.1	0.38	g/L

CSF Total Protein	B	5 years - 8 years	0.1	0.43	g/L
CSF Total Protein	B	8+ years	0.15	0.45	g/L
Digoxin	B	All	0.5	2	ug/L
Estradiol	F	Follicular	45.4	854	pmol/L
Estradiol	F	Midcycle	151	1461	pmol/L
Estradiol	F	Luteal	81.9	1251	pmol/L
Estradiol	M	<18 years	-	-	
Estradiol	M	18+ years	41.4	159	pmol/L
Ferritin	B	<1 year	12	327	ug/L
Ferritin	B	1 year - 3 years	6	67	ug/L
Ferritin	B	4 years - 6 years	4	67	ug/L
Ferritin	F	7 years - 12 years	7	84	ug/L
Ferritin	M	7 years - 12 years	14	124	ug/L
Ferritin	F	13 years - 17 years	13	68	ug/L
Ferritin	M	13 years - 17 years	14	152	ug/L
Ferritin	F	17+ years	13	150	ug/L
Ferritin	M	17+ years	30	400	ug/L
Folate	B	All	3.7	18.7	ug/L
Free Androgen Index	F	<20 years	-	-	nmol/L
Free Androgen Index	M	<20 years	-	-	nmol/L
Free Androgen Index	F	20 years - 49 years	0.3	5.63	nmol/L
Free Androgen Index	F	50+ years	0.19	3.63	nmol/L
Free Androgen Index	M	20 years - 49 years	35	92.6	nmol/L
Free Androgen Index	M	50+ years	24.3	72.1	nmol/L
FSH	F	<1 year	1.2	12.5	U/L
FSH	F	1 year - 5 years	0.5	6	U/L
FSH	F	5 years - 10 years	0.9	8.9	U/L
FSH	F	10 years - 15 years	0.7	9.6	U/L
FSH	F	Follicular	3.5	12.5	U/L
FSH	F	Midcycle	4.7	21.5	U/L
FSH	F	Luteal	1.7	7.7	U/L
FSH	F	Post-Menopausal	25.8	134.8	U/L
FSH	M	<1 year	<	3.3	U/L
FSH	M	1 year - 5 years	<	1.9	U/L
FSH	M	5 years - 10 years	<	2.3	U/L
FSH	M	10 years - 15 years	0.6	6.9	U/L
FSH	M	15 years - 18 years	0.7	9.6	U/L
FSH	M	18+ years	1.5	12.4	U/L
Gentamicin	B	All	-	-	mg/L
GGT	B	<15 days	17	175	U/L
GGT	B	15 days - 1 year	5	101	U/L
GGT	B	1 year - 11 years	4	12	U/L
GGT	B	11 years - 19 years	4	16	U/L
GGT	F	19+ years	0	40	U/L
GGT	M	19+ years	0	60	U/L
Glucose	B	<18 years	3.3	5.6	mmol/L
Glucose	B	18+ years	4.1	5.6	mmol/L
hCG, Total	F	All	-	-	U/L
hCG, Total	M	All	0	2	U/L
Immunoglobulin A	B	≤14 days	0.01	0.08	g/L

Immunoglobulin A	B	14 days - 30 days	0.02	0.15	g/L
Immunoglobulin A	B	1 month - 3 months	0.05	0.4	g/L
Immunoglobulin A	B	3 months - 6 months	0.1	0.5	g/L
Immunoglobulin A	B	6 months - 9 months	0.15	0.7	g/L
Immunoglobulin A	B	9 months - 1 year	0.2	0.7	g/L
Immunoglobulin A	B	1 year - 2 years	0.3	1.2	g/L
Immunoglobulin A	B	2 years - 3 years	0.3	1.3	g/L
Immunoglobulin A	B	3 years - 6 years	0.4	2	g/L
Immunoglobulin A	B	6 years - 9 years	0.5	2.4	g/L
Immunoglobulin A	B	9 years - 12 years	0.7	2.5	g/L
Immunoglobulin A	B	12 years -15 years	0.8	2.8	g/L
Immunoglobulin A	B	15 years - 45 years	0.8	2.8	g/L
Immunoglobulin A	B	≥45 years	0.8	4	g/L
Immunoglobulin G	B	≤14 days	5	17	g/L
Immunoglobulin G	B	14 days - 30 days	3.9	13	g/L
Immunoglobulin G	B	1 month - 3 months	2.1	7.7	g/L
Immunoglobulin G	B	3 months - 6 months	2.4	8.8	g/L
Immunoglobulin G	B	6 months - 9 months	3	9	g/L
Immunoglobulin G	B	9 months - 1 year	3	10.9	g/L
Immunoglobulin G	B	1 year - 2 years	3.1	13.8	g/L
Immunoglobulin G	B	2 years - 3 years	3.7	15.8	g/L
Immunoglobulin G	B	3 years - 6 years	4.9	16.1	g/L
Immunoglobulin G	B	6 years - 9 years	5.4	16.1	g/L
Immunoglobulin G	B	9 years - 12 years	5.4	16.1	g/L
Immunoglobulin G	B	12 years -15 years	5.4	16.1	g/L
Immunoglobulin G	B	15 years - 45 years	6	16	g/L
Immunoglobulin G	B	≥45 years	6	16	g/L
Immunoglobulin M	B	≤14 days	0.05	0.2	g/L
Immunoglobulin M	B	14 days - 30 days	0.08	0.4	g/L
Immunoglobulin M	B	1 month - 3 months	0.15	0.7	g/L
Immunoglobulin M	B	3 months - 6 months	0.2	1	g/L
Immunoglobulin M	B	6 months - 9 months	0.4	1.6	g/L
Immunoglobulin M	B	9 months - 1 year	0.6	2.1	g/L
Immunoglobulin M	B	1 year - 2 years	0.5	2.2	g/L
Immunoglobulin M	B	2 years - 3 years	0.5	2.2	g/L
Immunoglobulin M	B	3 years - 6 years	0.5	2	g/L
Immunoglobulin M	B	6 years - 9 years	0.5	1.8	g/L
Immunoglobulin M	B	9 years - 12 years	0.5	1.8	g/L
Immunoglobulin M	B	12 years -15 years	0.5	1.9	g/L
Immunoglobulin M	B	15 years - 45 years	0.5	1.9	g/L
Immunoglobulin M	B	≥45 years	0.5	2	g/L
Iron	F	<30 days	5.2	22.7	umol/L
Iron	F	1 month - 1 year	4.5	22.6	umol/L
Iron	F	1 year - 3 years	4.5	18.1	umol/L
Iron	F	4 years - 6 years	5	16.7	umol/L
Iron	F	7 years - 9 years	5.4	18.6	umol/L
Iron	F	10 years - 12 years	5.7	18.6	umol/L
Iron	F	13 years - 15 years	5.4	19.5	umol/L
Iron	F	16 years - 18 years	5.9	18.3	umol/L
Iron	M	<30 days	5.7	20	umol/L

Iron	M	1 month - 1 year	4.8	19.5	umol/L
Iron	M	1 year - 3 years	5.2	16.3	umol/L
Iron	M	4 years - 6 years	4.5	20.6	umol/L
Iron	M	7 years - 9 years	4.8	17.2	umol/L
Iron	M	10 years - 12 years	5	20	umol/L
Iron	M	13 years - 15 years	4.7	19.7	umol/L
Iron	M	16 years - 18 years	4.8	24.7	umol/L
Iron	B	18+ years	5.83	34.5	umol/L
Lactate	B	All	0.60	2.50	mmol/L
LDH	B	1 day	0	1327	U/L
LDH	B	2 days - 5 days	0	1732	U/L
LDH	B	6 days - 6 months	0	975	U/L
LDH	B	7 months - 12 months	0	1100	U/L
LDH	B	1 year - 3 years	0	850	U/L
LDH	B	4 years - 6 years	0	615	U/L
LDH	F	7 years - 12 years	0	580	U/L
LDH	M	7 years - 12 years	0	764	U/L
LDH	F	13 years - 17 years	0	436	U/L
LDH	M	13 years - 17 years	0	683	U/L
LDH	B	17+ years	240	480	U/L
LH	F	<4 weeks	N/A	-	U/L
LH	F	1 month - 1 year	0	0.4	U/L
LH	F	1 year - 6 years	0	0.5	U/L
LH	F	6 years - 11 years	0	3.1	U/L
LH	F	11 years -14 years	0	11.9	U/L
LH	F	14 years - 18 years	0.5	41.7	U/L
LH	F	Follicular	2.4	12.6	U/L
LH	F	Midcycle	14	96	U/L
LH	F	Luteal	1	11.4	U/L
LH	F	Post-Menopausal	7.7	58.5	U/L
LH	M	<4 weeks	N/A	-	U/L
LH	M	1 month - 1 year	0	0.4	U/L
LH	M	1 year - 6 years	0	1.3	U/L
LH	M	6 years - 11 years	0	1.4	U/L
LH	M	11 years -14 years	0.1	7.8	U/L
LH	M	14 years - 18 years	1.3	9.8	U/L
LH	M	18+ years	1.7	8.6	U/L
Lithium	B	All	0.4	1	mmol/L
Magnesium	B	<4 weeks	0.60	1.00	mmol/L
Magnesium	B	4 weeks - 1 year	0.70	1.00	mmol/L
Magnesium	B	1 year - 16 years	0.70	1.00	mmol/L
Magnesium	B	16+ years	0.70	1.00	mmol/L
NTpro BNP	B	All	LC	-	pg/ml
Osmolality	B	<4 weeks	275	295	mmol/kg
Osmolality	B	4 weeks - 1 year	275	295	mmol/kg
Osmolality	B	1 year - 16 years	275	295	mmol/kg
Osmolality	B	16+ years	275	295	mmol/kg
Paracetamol	B	All	-	-	mg/L
Phosphate	B	<4 weeks	1.30	2.60	mmol/L
Phosphate	B	4 weeks - 1 year	1.30	2.40	mmol/L

Phosphate	B	1 year - 16 years	0.90	1.80	mmol/L
Phosphate	B	16+ years	0.80	1.50	mmol/L
Potassium	B	<4 weeks	3.40	6.00	mmol/L
Potassium	B	4 weeks - 1 year	3.50	5.70	mmol/L
Potassium	B	1 year - 16 years	3.50	5.00	mmol/L
Potassium	B	16+ years	3.50	5.30	mmol/L
Progesterone	B	<16 years	N/A	-	nmol/L
Progesterone	F	Follicular	0.6	4.7	nmol/L
Progesterone	F	Midcycle	2.4	9.4	nmol/L
Progesterone	F	Luteal	5.3	86	nmol/L
Progesterone	F	Post-Menopausal	0.3	2.5	nmol/L
Progesterone	M	16+ years	0.7	4.3	nmol/L
Prolactin	F	<1 year	4	634	mU/L
Prolactin	F	1 year - 3 years	21	363	mU/L
Prolactin	F	4 years - 6 years	34	278	mU/L
Prolactin	F	7 years - 9 years	6	273	mU/L
Prolactin	F	10 years - 12 years	40	204	mU/L
Prolactin	F	13 years - 15 years	64	305	mU/L
Prolactin	F	16 years - 18 years	45	390	mU/L
Prolactin	M	<1 year	6	613	mU/L
Prolactin	M	1 year - 3 years	49	280	mU/L
Prolactin	M	4 years - 6 years	17	358	mU/L
Prolactin	M	7 years - 9 years	40	246	mU/L
Prolactin	M	10 years - 12 years	19	273	mU/L
Prolactin	M	13 years - 15 years	34	352	mU/L
Prolactin	M	16 years - 18 years	57	322	mU/L
Prolactin	F	18+ years	102	496	mU/L
Prolactin	M	18+ years	86	324	mU/L
Protein, Total	B	<15 days	51	80	g/L
Protein, Total	B	15 days - 1 year	43	69	g/L
Protein, Total	B	1 year - 6 years	59	73	g/L
Protein, Total	B	6 years - 9 years	62	75	g/L
Protein, Total	B	9 years - 19 years	63	78	g/L
Protein, Total	B	19+ years	60	80	g/L
PSA, Total	B	16+ years	-	-	ug/L
PTH	B	All	1.6	6.9	pmol/L
Salicylate	B	16+ years	-	-	mg/L
SHBG	F	<20 years	-	-	nmol/L
SHBG	M	<20 years	-	-	nmol/L
SHBG	F	20 years - 49 years	24.6	122	nmol/L
SHBG	F	50+ years	17.3	125	nmol/L
SHBG	M	20 years - 49 years	18.3	54.1	nmol/L
SHBG	M	50+ years	20.6	76.7	nmol/L
Sodium	B	All	133	146	mmol/L
T3, Free	B	<7 days	2.65	9.68	pmol/L
T3, Free	B	1 week - 3 months	3.00	9.28	pmol/L
T3, Free	B	3 months +	3.10	6.80	pmol/L
T4, Free	B	<7 days	11.0	32.0	pmol/L
T4, Free	B	1 week - 3 months	11.5	28.3	pmol/L
T4, Free	B	3 months +	12.0	22.0	pmol/L

Testosterone	F	≤5 years	0.1	0.4	nmol/L
Testosterone	F	6 years - 9 years	0.2	0.5	nmol/L
Testosterone	F	10 years - 14 years	0.5	1.7	nmol/L
Testosterone	F	15 years - 16 years	0.4	1.8	nmol/L
Testosterone	F	17 years - 18 years	0.6	1.7	nmol/L
Testosterone	F	19 years - 49 years	0.3	1.7	nmol/L
Testosterone	F	50+ years	0.1	1.4	nmol/L
Testosterone	M	<6 years	0.1	1.1	nmol/L
Testosterone	M	7 years - 9 years	0.1	0.9	nmol/L
Testosterone	M	10 years - 12 years	0.2	14.5	nmol/L
Testosterone	M	13 years - 14 years	0.2	22.5	nmol/L
Testosterone	M	15 years - 16 years	1.5	30.5	nmol/L
Testosterone	M	17 years - 18 years	4.2	28.6	nmol/L
Testosterone	M	19 years - 49 years	8.6	29.0	nmol/L
Testosterone	M	50+ years	6.7	25.7	nmol/L
Theophylline	B	16+ years	10	20	mg/L
TPO	B	<1 week	0	117	IU/ml
TPO	B	6 days - 3 months	0	47	IU/ml
TPO	B	4 months - 12 months	0	32	IU/ml
TPO	B	1 year - 6 years	0	13	IU/ml
TPO	B	7 years - 11 years	0	18	IU/ml
TPO	B	12 years - 20 years	0	26	IU/ml
TPO	B	20+ years	0	34	IU/ml
Triglycerides	B	16+ years	-	-	mmol/L
Troponin T	B	16+ years		<14	ng/L
TSH	B	<2 days	-	-	mU/L
TSH	B	2 days - 6 days	0.7	15.2	mU/L
TSH	B	6 days - 3 months	0.72	11	mU/L
TSH	B	4 months - 12 months	0.73	8.35	mU/L
TSH	B	1 year - 6 years	0.7	5.97	mU/L
TSH	B	7 years - 11 years	0.6	4.84	mU/L
TSH	B	12 years - 20 years	0.51	4.3	mU/L
TSH	B	20+ years	0.27	4.2	mU/L
Urate	B	<15 days	158	748	umol/L
Urate	B	15 days - 1 year	88	370	umol/L
Urate	B	1 year - 12 years	100	282	umol/L
Urate	F	12 years - 19 years	147	342	umol/L
Urate	M	12 years - 19 years	150	446	umol/L
Urate	F	19+ years	140	360	umol/L
Urate	M	19+ years	200	430	umol/L
Urea	B	<4 weeks	0.80	5.50	mmol/L
Urea	B	4 weeks - 1 year	1.00	5.50	mmol/L
Urea	B	1 year - 16 years	2.50	6.50	mmol/L
Urea	B	16+ years	2.50	7.80	mmol/L
Urine 24hr Calcium	B	16+ years	2.5	7.5	mmol/24hr
Urine 24hr Phosphate	B	16+ years	15	50	mmol/24hr
Urine 24hr Urate	B	16+ years	1.5	4.5	umol/24hr
Urine Creatinine	B	All	-	-	umol/L
Urine Albumin	B	16+ years	-	-	mg/L
Urine Albumin/Creatinine Ratio	B	All	-	-	mg/mmol

Urine Osmolality	B	All	-	-	mmol/kg
Urine Potassium (random)	B	All	20	80	mmol/L
Urine Sodium (random)	B	All	54	190	mmol/L
Urine Total Protein	B	<18 years	-	-	g/L
Urine Total Protein	B	18+ years	-	-	g/L
Urine Total Protein/Creatinine Ratio	B	<18 years	-	<20	mg/mmol
Urine Total Protein/Creatinine Ratio	B	18+ years	-	<15	mg/mmol
Urine Urea	B	All	-	-	mmol/L
Vancomycin	B	All	-	-	mg/L
Vitamin B12	B	All	191	663	ng/L
Vitamin D	B	16+ years	-	-	nmol/L