

NORMAL LABORATORY DATA

Full Blood Count

	Day 1-7	Day 8 -1 mo	1 - 3 mo	3mo – 1yr	1-6yr	6-12yr	> 12yr (male)	> 12 yr (female)
Hb (g/dl)	14 - 22.5	10 -15	9 - 14	11.5 - 15.5	12- 15.5	13- 15.5	13.5 - 17.5	12 - 16
Critically low Hb (g/dl)	10	8	7	7	7	7	5	5

Platelets normal: $150-450 \times 10^9/L$

Platelets critically low: $30 \times 10^9/L$

Differential Count

[illegible]

COAGULATION PROFILE

	Day 1-28	Day 28-1 year	1-11 years	>11 years	Critically high
PT (s)	12-23.5	Pls refer to lab report	12.5-17	12.5-16.5	60.1
PTT (s)	35-52	Pls refer to lab report	27.5-45	25-40	100.1

	Day 1	> 3 months	Critically high
INR	0.9-2.7	0.9-1.2	>5

	Day 1- 5 months	5 months – 15 years	> 15 years
Bleeding time (min)	0.85-1.65	1.3-8.99	2-8
Critically high	5.01	20.01	20.01

DIC SCREEN

D-dimer < 0.5mg/ml

Fibrinogen 5.3-14.1 umol/L

Soluble fibrin monomer normally negative

BIOCHEMISTRY

[illegible]

RENAL FUNCTION

	Day 0-12 years	> 12 years
Urea mmol/l	1.4-7.7	1.4-7.7
Creatinine umol/l	27-80	44-141

BLOOD GAS

pH	7.35-7.45
pO ₂ mmHg	75-100
PCO ₂ mmHg	35-45
Actual bicarbonate mmol/L	18-23
BE mmol/L	-2 to 2
SpO ₂ (%)	95-100

OSMOLALITY

	normal	Critically high	Critically low
Serum osmolality (mOsm/kg)	275-305	350	200
Urine osmolality (mOsm/kg)	50-1200		

THYROID FUNCTION TEST

	Day 1-3	Day 3-30	Day 30- 5 months	5 months -13 years	13-18 years	> 18 years
FT4 (pmol/L)	25.7-64.3	11.6-28.3	10.3-25.7	10.3-25.7	10.3-25.7	10-20
TSH (mIU/L)	1-20	0.5-6	0.5-6	0.5-4.5	0.5-4.5	0.45-4.5
Free T3 (pmol/L)					5.0-8.9	5.0-8.9

LIVER FUNCTION TEST

	Day 1 – 1 year	1-3 years	3-6 years	6-13 years	13-16 years	16- 20 years	>20 years
Albumin (g/L)	38-53	38-53	40-52	41-53	37-51	37-51	37-51
ALP (U/L)	157-363	123-374	110-345	119-351	119-351	43-206	32-103
ALT(U/L)	9-48	7-31	8-29	8-29	7-36	7-36	7-36
AST (U/L)	16-54	16-54	16-54	16-54	15-33	15-33	15-33
Direct bilirubin (umol/L)	2-7	2-7	2-7	2-7	2-7	2-7	2-7
Total protein (g/L)	53-78	53-78	62-83	62-83	62-83	62-83	62-83
GGT (female) (U/L)	5-26	5-26	5-26	5-26	5-26	5-26	5-26
GGT (male) (U/L)	9-41	9-41	9-41	9-41	9-41	9-41	9-41

	Day 1	Day 1-3	Day 3-6	Day 6- 1 month	> 1 month
Total bilirubin (umol/L)	34-103	34-171	26-205	26-100	3-24

OTHERS

	Day 1-30	1 month- 1 year	> 1 year
Plasma ammonia (umol/L)	23-83	14-50	9-33
Amylase(U/L)	39-167	39-167	39-167
Lactate plasma (mmol/L)	0.7-2.1	0.7-2.1	0.7-2.1

	Day 1-13 years	> 13 years
CRP (mg/L)	0-9.9	0-9

	Day 1	Day 2	Day 3- 12 years	> 12 years (male)	> 12 years (female)
ESR (mm/1 st hour)	2	4	10	15	20