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Dr. A. Sharaiha

External Quality Control Programmes from • UKNEQAS • Biorad • WHO •

Patient Name : ~~XXXXXXXXXX~~
Patient No. : 02/03636
Sample No. : BL06/07743
Consultant :

Age : 30 Years
Sex : Male
Sample Date : 08/06/2006
Sample Time : 08:34 AM

HAEMATOLOGY

Normal Range (Age and Sex related)

Haemoglobin	:	159.0	gm/L	140 - 180
Haematocrit	:	0.466	L/L	0.42 - 0.54
Erythrocytes	:	5.30	$\times 10^{12}/L$	4.7 - 6.1
M.C.V.	:	88	fl	76 - 94
M.C.H.	:	30	pg.	27 - 31
M.C.H.C.	:	341	gm/L	320 - 360
Leucocytes	:	6.300	$\times 10^9/L$	4.500 - 10.000
Differential :				
Neutrophils	:	41 %	2.583 $\times 10^9/L$	2.500 - 7.500
Lymphocytes	:	49 %	3.087 $\times 10^9/L$	1.500 - 3.500
Monocytes	:	6 %	0.378 $\times 10^9/L$	0.040 - 0.800
Eosinophils	:	4 %	0.252 $\times 10^9/L$	0.040 - 0.440
Basophils	:	%	$\times 10^9/L$	0.015 - 0.100
ESR 1st hour : mm. 2nd hour : mm.				
Platelets	:	298	$\times 10^9/L$	150 - 400
Reticulocytes:	:	%		0 - 2

Blood film : NORMOCHROMIC, NORMOCYTIC RED BLOOD CELLS.
MILD NEUTROPENIA.
PLATELETS APPEAR NORMAL.

Result Date/Time : 10/06/2006 16:50:29

Signature :

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Patient Name : ~~XXXXXXXXXX~~

Patient No. : 02/03636

Sample No. : BL06/07743

Consultant :

Age : 31 Years

Sex : Male

Sample Date : 08/06/2006

Sample Time : 08:34 AM

Laboratory Result**SI Units****Conventional Units**

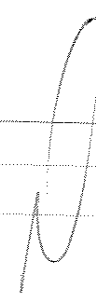
Fasting Blood Glucose, serum level :	4.94 mmol/L	89 mg/dl
Normal Range :	3.90 - 6.10	70.00 - 110.00
Urea, serum level :	5.7 mmol/L	34 mg/dl
Normal Range :	2.5 - 7.5	15 - 45
Creatinine, serum level :	104 μ mol/L	1.18 mg/dl
Normal Range : Male	62 - 120	0.70 - 1.36
Female	53 - 100	0.60 - 1.13
Uric Acid, serum level :	375 μ mol/L	6.3 mg/dl
Normal Range : Male	180 - 420	3.0 - 7.0
Female	149 - 357	2.5 - 6.0
Cholesterol Total serum level :	3.19 mmol/L	123 mg/dl
Normal Range : Optimal	<5.18	<200
Borderline	5.18-6.22	200-240
High	>6.22	>240
Triglycerides, serum level :	0.55 mmol/L	49 mg/dl
Normal Range : Optimal	<1.7	<150
Borderline	1.70-2.15	150-190
High	>2.15	>190
HDL-Cholesterol, serum level :	1.30 mmol/L	50 mg/dl
Normal Range : Optimal	>1.55	>60
Borderline	1.04-1.55	40-60
Low	<1.04	<40

1.27

Comments :

Result Date/Time : 10/06/2006 16:50:24

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Consultant :

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Sex : Male

Sample Date : 08/06/2006

Sample Time : 08:34 AM

Laboratory Result	SI Units	Conventional Units
Cholesterol/HDL Ratio :	2.5	2.5
Normal Range : Optimal	<4.0	<4.0
Borderline	4.0-5.0	4.0-5.0
High	>5.0	>5.0
LDL-Cholesterol, serum level :	1.9 mmol/L	72 mg/dl
Normal Range : Optimal	<2.59	<100
Borderline	2.59-3.37	100-130
Borderline/High	3.37-4.14	130-160
High	>4.14	>160
Glutamic Pyruvate Transaminase, serum level :	1.10 ukat/L	165 → 66 U/L
Normal Range : Male	UPTO 0.67	UPTO 40
Female	UPTO 0.52	UPTO 31
Glutamic Oxalate Transaminase, serum level :	0.48 ukat/L	103 → 29 U/L
Normal Range : Male	UPTO 0.62	UPTO 37
Female	UPTO 0.52	UPTO 31
Gamma-Glutamyl Transferase, serum level :	0.42 ukat/L	10 → 25 U/L
Normal Range : Male	0.15 - 0.65	9.0 - 40.0
Female	0.15 - 0.60	9.0 - 35.0
Alkaline Phosphatase, serum level :	2.32 ukat/L	139 U/L
Normal Range : Adults :	1.67 - 4.84	100 - 290
Children:	3.00 - 20.04	180 - 1200
Bilirubin Total, serum level :	22 umol/L	1.30 mg/dl
Normal Range :	UPTO 17	UPTO 1.0

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Consultant :

Age : 31 Years

Sex : Male

Sample Date : 08/06/2006

Sample Time : 08:34 AM

Laboratory Result

SI Units

Conventional Units

Bilirubin Direct, serum level :

5.8 umol/L

0.34 mg/dl

Normal Range :

UPTO 4.3

UPTO 0.25

Total Protein, serum level :

78 g/L

7.8 gm/dl

Normal Range :

66 - 87

6.60 - 8.70

Albumin, serum level :

51 g/L

5.1 g/dl

Normal Range :

35.0 - 50.0

3.5 - 5.0

Globulins, serum level :

27 g/L

2.7 g/dl

Normal Range :

20 - 35

2.0 - 3.50

Albumin-Globulin Ratio, serum :

1.90

1.9

Normal Range :

1.10 - 2.2

1.10 - 2.20

Sodium, serum level :

140 mmol/L

Normal Range :

135 - 152

Potassium, serum level :

4.0 mmol/L

Normal Range :

3.5 - 5.3

Ferritin, serum level :

251 ug/L

Normal Range : Male

30-400


Female

15-150

Comments :

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Age : 31 Years
Sex : Male
Sample Date : 08/06/2006
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Laboratory Result	SI Units	Conventional Units
Vitamin B12, serum level:	665 pmol/L	901 pg/ml
Normal Range :	148 - 738	200 - 1000
Total Testosterone Serum Level :	25.33 nmol/l	Confirmed 7.3 ng/l
Normal Range : FEMALE:	0.17-2.53	0.05-0.73
MALE:	6.77-39.49	1.95-11.38
Thyroid Stimulating Hormone (TSH), Serum :	3.540 mU/L	3.54 uU/ml
Normal Range : Adults :	0.27 - 5.00	0.27 - 5.00
Children :	0.27 - 5.00	0.27 - 5.00
Neonates (1-7 days) :	0.50 - 15.0	0.50 - 15.0
Neonates (8-30 days) :	0.50 - 10.0	0.50 - 10.0

Free test

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Patient Name : ~~XXXXXXXXXX~~

Patient No. : 02/03636

Sample No. : BL06/07744

Consultant :

Age : 31 Years

Sex : Male

Sample Date : 08/06/2006

Sample Time : 08:36 AM

Laboratory Result	SI Units	Conventional Units
17-Beta Estradiol (E2), Serum level:	249.85 pmol/L	68.08 pg/ml
Normal Range : Follicular Phase	143.13 - 693.63	39.00 - 189.00
Mid-cycle Peak	344.98 - 1864.3	94.00 - 508.00
Luteal Phase	176.16 - 1134	48.00 - 309.00
Post menopausal-Female	< 150.47	< 41.00
Male	< 282.59	< 77.00

Comments :

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Sample No. : BL06/07743
Consultant :

Age : 31 Years
Sex : Male
Sample Date : 08/06/2006
Sample Time : 08:34 AM

URINE ANALYSIS

Colour	: Straw	Protein	: Negative
Appearance	: Clear	Glucose	: Negative
Specific Gravity	: 1.018	Bilirubin	: Negative
Reaction, pH	: 5.0	Urobilinogen	: Normal
Nitrite	: Negative	W.B.C. /Epith	: Negative
Ketone	: Negative	R.B.C. /Hb	: Negative

MICROSCOPY

W.B.C.	: 5	x10 ⁶ /L	Normal : Upto 10x10 ⁶ /L
R.B.C.	: 3	x10 ⁶ /L	Normal : Upto 5x10 ⁶ /L
Epithelial Cells	: Not seen		
Mucus	: Not seen		
Casts	: Not seen		
Crystals	: Not seen		
Parasites	: Not seen		

Comments :

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