

### Laboratory report

LN : 266699 Date exam. : **Tuesday, May 6, 2025**  
HN : Sample name : **MR. DANIEL LESTER**

#### **Requested tests: .....**

<b>CBC Parameters</b>	<b>Results</b>	<b>units</b>	<b>Normal Limits</b>
Hemoglobin	Hb : <b>13.6</b>	g/dl	M 13 - 18 ; F 12 - 16
Hematocrit (packed RBC)	Hct : <b>41.3</b>	%	M 40 - 54 ; F 36 - 48
White Blood Cells	WBC : <b>4,770</b>	cells/ul	4,000 - 10,000
Band form neutrophils	Band : <b>0</b>	%	0 - 3
Neutrophils	PMN : <b>44.6</b>	%	34 - 70
Lymphocytes	LYM : <b>41.5</b>	%	20 - 35
Monocytes	MON : <b>9.9</b>	%	4 - 12
Eosinophils	EOS : <b>3.4</b>	%	1 - 7
Basophils	BASO : <b>0.6</b>	%	0 - 1
Nucleated Red Blood Cells	NRBC : <b>0</b>	%	0
Platelets (Thrombocytes) count	PLT count : <b>167,000</b>	cells/ul	150,000 - 500,000
RBC (Erythrocyte) count	RBC count : <b>5.39</b>	10 <sup>6</sup> /ul	4.5 - 5.9
Mean Cells Volume	MCV : <b>76.6</b>	femtolitre	80 - 100
Mean Cells Hemoglobin	MCH : <b>25.2</b>	pg	26 - 34
Mean Cells Hemoglobin Conc.	MCHC : <b>32.9</b>	g/dL	32 - 36
Red Blood Cells Distribution Width	RDW : <b>14.6</b>	%	9.0 - 15.0
Red Blood Cells morphology	RBC morp. : <b>abnormal ( microcytosis few )</b>		

Remark :

**Reported by :**



กุลล แสงนาค (ท.น.1283)

**Date printed :** Tuesday, May 6, 2025

### Laboratory report

LN : 266699 Date exam. : **Tuesday, May 6, 2025**  
HN : Sample name : **MR. DANIEL LESTER**

#### **Requested tests: .....**

<b>Biochemistry parameters</b>	<b>Results</b>	<b>Units</b>	<b>Details</b>	<b>Normal</b>
Fasting Blood Sugar	FBS : <b>75</b>	mg/dl	Blood glucose (diabetes)	60 - 100
Total Cholesterol	CHOL : <b>175</b>	mg/dl	Total cholesterol	150 - 200
HDL Cholesterol	HDL : <b>62</b>	mg/dl	Good cholesterol	more than 40
LDL Cholesterol	LDL : <b>90</b>	mg/dl	Bad cholesterol	less than 130
Triglyceride	TRIG : <b>141</b>	mg/dl	VLDL fats	30 - 150
CHOL : HDL ratio	CHOL / HDL : <b>2.8</b>	[ratio]	Recommended ratio	less than 4.5
LDL : HDL ratio	LDL / HDL : <b>1.5</b>	[ratio]	Recommended ratio	less than 3.0
Uric acid	URIC : <b>10.2</b>	mg/dl	kidney function or gout	M 3.5 - 8.0 ; F 2.5 - 7.0
Blood urea nitrogen	BUN : <b>17</b>	mg/dl	kidney function	5 - 25
Creatinine	CRE : <b>1.04</b>	mg/dl	kidney function	0.7 - 1.5
Estimated GFR (CKD-EPI)	eGFR : <b>85.1</b>	ml/min/1.73 m <sup>2</sup>		more than 60
Total protein	PRO : <b>8.0</b>	gm/dl	liver function	6.0 - 8.5
Albumin	ALB : <b>4.8</b>	gm/dl	liver function	3.5 - 5.0
Globulin	GLOB : <b>3.2</b>	gm/dl	liver function	2.5 - 3.5
Total bilirubin	T_BILI : <b>0.5</b>	mg/dl	liver function	0.2 - 1.5
Direct bilirubin	D_BILI : <b>0.1</b>	mg/dl	liver function	0 - 0.5
Alkaline phosphatase	ALP : <b>49</b>	U/L	liver function	less than 150
Aspartate aminotransferase	AST(SGOT) : <b>22</b>	U/L	liver function	less than 40
Alanine aminotransferase	ALT(SGPT) : <b>29</b>	U/L	liver function	less than 40
G-glutamyl transferase	GGT : <b>30</b>	U/L	liver function	less than 60

Remark :

**Reported by :**



กุลศล แสงนาค (ท.น.1283)

**Date printed :** Tuesday, May 6, 2025

### Laboratory report

LN : 266699 Date exam. : **Tuesday, May 6, 2025**  
HN : Sample name : **MR. DANIEL LESTER**

#### Requested tests: .....

#### Parameters tested

#### Results

• Color of urine	Color : <b>yellow</b>
• Appearance (visual)	Appear : <b>clear</b>
• Alkaline / acidic urine	pH : <b>6.5</b>
• Urine specific gravity	Sp. gravity : <b>1.020</b>
• Protein in urine	PROTEIN : <b>Negative</b>
• Glucose in urine	GLUCOSE : <b>Negative</b>
• Ketones in urine	KETONE : <b>Negative</b>
• Occult blood (hemoglobin) in urine	BLOOD : <b>Negative</b>
• Red Blood Cells in urine	RBC : <b>0</b>
• White Blood Cells in urine	WBC : <b>0</b>
• Urinary casts	CAST : <b>0</b>
• Epithelial cells	Epithelial : <b>0</b>
• Other findings	Others : :

Remark :

Reported by



งนาค (ท.น.1283)

Date printed : Tuesday, May 6, 2025

### Laboratory report

LN : 266699 Date exam. : **Tuesday, May 6, 2025**  
HN : Sample name : **MR. DANIEL LESTER**

#### **Requested test** .....

<u>Tests</u>	<u>Results</u>	<u>Units</u>	<u>Normal ranges</u>
<b>Estradiol (E2)</b>			
Specimen.....	Serum		
Estradiol (E2).....	14.0	pg/mL	Males <44 pg/mL

#### **Folicle Stimulating Hormone (FSH)**

Specimen.....: Serum  
FSH.....: 7.63 mIU/mL  
Reference Range: Male 0.95 - 11.95

#### **Luteinizing Hormone (LH)**

LH (Luteinizing Hormone).....: 6.25 mIU/mL  
Reference Range: Male 0.57 - 12.07

Remark :

**Reported by :**



กุลล แสงนาค (ท.น.1283)

**Date printed :** Tuesday, May 6, 2025

### Laboratory report

LN : 266699 Date exam. : **Tuesday, May 6, 2025**  
HN : Sample name : **MR. DANIEL LESTER**

#### **Requested test** .....

<u>Tests</u>	<u>Results</u>	<u>Units</u>	<u>Normal ranges</u>
--------------	----------------	--------------	----------------------

#### **Glycated Hb (HbA1C)**

Specimen.....	EDTA blood		
Haemoglobin A1c.....	5.2	%	(<5.7)
Estimated Average Glucose.....	103	mg/dL	

#### **Ferritin**

Ferritin.....	187.1	ng/mL	(15.0-200.0)
---------------	-------	-------	--------------

#### **Transferrin Saturation**

Serum Iron.....	51 L	ug/dL	(65-175)
TIBC.....	253	ug/dL	(250-450)
Transferin saturation .....	20	%	(20-50)

Remark :

**Reported by :**



กุลศล แสงนาค (ท.น.1283)

**Date printed :** Tuesday, May 6, 2025

### Laboratory report

LN : 266699 Date exam. : **Tuesday, May 6, 2025**  
HN : Sample name : **MR. DANIEL LESTER**

**Requested test** .....

<u>Tests</u>	<u>Results</u>	<u>Units</u>	<u>Normal ranges</u>
<b>Triiodothyronine (T3)</b>			
Total T3 (Triiodothyronine)...	63	ng/dL	(57-152)
<b>Thyroxine (T4)</b>			
Total T4 (Thyroxine).....	6.82	ug/dL	(4.87-11.72)
<b>Triiodothyronine Free (Free T3)</b>			
Specimen.....	Serum		
Free T3 (Free Triiodothyronine):	2.15	pg/mL	(1.58-3.91)
<b>Thyroxine Free (Free T4)</b>			
Specimen.....	Serum		
Free T4 (Free Thyroxine).....	0.98	ng/dL	(0.70-1.48)
<b>TSH (Thyroid Stimulating Hormone)</b>			
Specimen.....	Serum		
TSH.....	2.082	uIU/mL	(0.350-4.940)

Remark :

**Reported by :**



กุลศล แสงนาค (ท.น.1283)

**Date printed :** Tuesday, May 6, 2025

### Laboratory report

LN : 266699 Date exam. : **Tuesday, May 6, 2025**  
 HN : Sample name : **MR. DANIEL LESTER**

#### **Requested test** .....

<u>Tests</u>	<u>Results</u>	<u>Units</u>	<u>Normal ranges</u>
<b>Free Testosterone</b>			
Albumin.....	4.66	g/dL	(3.50-5.20)
Sex Hormone Binding Globulin..	57.90	nmol/L	
Reference Range.....	Male: 13.5-71.4	nmol/L	
Free Testosterone(Calculated) ..	8.40	ng/dL	
Free Testosterone(Calculated) ..	1.4	%	
Reference Range.....	Free Testosterone;		
	Males (20-49 years):5.71 - 17.84 ng/dL, 1.53 - 2.88%		
	Males (>= 50 years):4.70 - 13.63 ng/dL, 1.23 - 2.59%		
Testosterone.....	587.00	ng/dL	
Testosterone.....	5.87	ng/mL	
Reference Range.....	Male (21-49 years) : 2.40 - 8.71 ng/ml		
	Male (>= 50 years) : 2.21 - 7.16 ng/ml		
Bioavailable Testosterone(Calculated):	213.00	ng/dL	
Bioavailable Testosterone(Calculated):	36.3	%	
Reference Range.....	Bioavailable Testosterone;		
	Males (20-49 years):125.65 - 412.10 ng/dL, 35.0 - 66.3%		
	Males (>= 50 years):103.46 - 317.00 ng/dL, 27.5 - 60.7%		

Remark :

**Reported by :**



กุลล แสงนาค (ท.น.1283)

**Date printed :** Tuesday, May 6, 2025

### Laboratory report

LN : 266699 Date exam. : **Tuesday, May 6, 2025**  
HN : Sample name : **MR. DANIEL LESTER**

#### **Requested test** .....

<u>Tests</u>	<u>Results</u>	<u>Units</u>	<u>Normal ranges</u>
<b>Prolactin</b>			
Specimen.....	Serum		
Prolactin .....	10.71	ng/mL	(3.46-19.40)

#### **Cortisol (Blood)**

Specimen collected.....: 07.40 AM.

Cortisol.....: 16.000 ug/dL

Serum AM 3.7 19.4 ug/dL

Serum PM : 2.9 - 17.3 ug/dL

#### **Anti Nuclear Factor (ANF, ANA)**

Anti-nuclear pattern

ANA (ANF, FANA).....: NEGATIVE

Cytoplasm pattern

Cytoplasmic staining.....: NEGATIVE

Method: Immunofluorescence

( Reference : less than 1:80 )

( Method : IFA )

Remark :

**Reported by :**



กุลล แสงนาค (ท.น.1283)

**Date printed :** Tuesday, May 6, 2025