

**Cholest./HDL/LDL/Triglycerides.**

<b>Serum Cholesterol</b>	<b>186</b>	mg/dl	Up to 200 Desirable Over 240 Higher Risk
<b>HDL-Cholesterol</b>	<b>42</b>	mg/dL	Up to 40 High Risk Over 60 Low Risk
<b>LDL</b>	<b>132</b>	mg/dL	Up To 100
<b>Non-HDL-C</b>	<b>144</b>	mg/dL	up to 130 optimal
<b>Serum Triglycerides</b>	<b>61</b>	mg/dL	Up to 150 Normal 150 - 199 Borderline 200 - 499 High
<b>Serum VLDL Cholesterol</b>	<b>12</b>	mg/dl	Up To 30
<b>T.Cholesterol / HDL Cholesterol</b>	<b>4.43</b>		Less Than 4.44
<b>LDL/HDL Cholesterol</b>	<b>3.14</b>		Less Than 3.22

**Comments :** -According to; the 2019 European Society of Cardiology / European Atherosclerosis Society Guidelines for Dyslipidemia management; Therapeutic regimens target goals for LDL-C are < 55, 70 & 100 for very high, high & moderate risk patients.

-Non HDL-C is an estimation of atherogenic lipoproteins ( VLDL, VLDL remnants, IDL, LDL, Lp(a) ) and according to recent guidelines is a better risk indicator for CVD

Reviewed By:

*Dr. Samah Mohamed*

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## Complete Blood Picture (CBC)

	Result	Unit	Ref. Range
Haemoglobin	13.70	g/dL	13 - 17
Hematocrit	41.3	%	40 - 50
Red cell count	5.16	$\times 10^6$ /uL	4.5 - 6.2
MCV	80.0	fL	78 - 96
MCH	26.6	pg	26 - 32
MCHC	33.2	g/dL	31 - 36
RDW	13.0	%	11.5 - 14.5
Platelet Count	354	$\times 10^3$ /uL	150 - 450
T.L.C	7.4	$\times 10^3$ /uL	4 - 11

### Differential Count

<u>Percentage(%)</u>			<u>Absolute Count</u>		
	Result		Result		Ref. Range
Basophils :	1	%	0.1	$\times 10^3$ /uL	0 - 0.11
Eosinophils :	3	%	0.2	$\times 10^3$ /uL	0 - 0.6
Stab :	0	%	0.0	$\times 10^3$ /uL	
Segmented	55	%	4.1	$\times 10^3$ /uL	2 - 7
Lymphocytes :	33	%	2.4	$\times 10^3$ /uL	1.5 - 4
Monocytes	8	%	0.6	$\times 10^3$ /uL	0.2 - 1

Comments : Normal Blood Picture.

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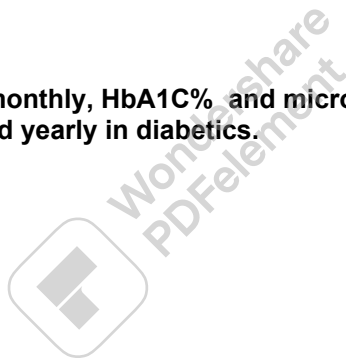
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<b>Glycated Haemoglobin (HbA1c)</b>	<b>8.9</b>	%	<b>Ref. Range</b> 4.5 - 5.7 Normal Range 5.8 - 6.4 Prediabetic > 6.5 Diabetic 6 - 7 Good Control 7 - 8 Fair Control - >8 Poor Control
<b>Serum Creatinine</b>	<b>0.90</b>	mg/dl	0.79 - 1.21
<b>Serum Uric Acid</b>	<b>3.9</b>	mg/dL	3.5 - 7.2
<b>ALT(SGPT)</b>	<b>19</b>	U/L	0 - 50
<b>AST (SGOT)</b>	<b>16</b>	U/L	0 - 50

**Comments :**

Plasma glucose assay is recommended monthly, HbA1C% and microalbumin/creat ratio once every three month, and lipid profile and eGFR to be monitored yearly in diabetics.



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