

**Summary Report**  
**Mohammed Banat - Male**  
**Date: 7/12/20 Age: 42**



Marker	Lab Range	Units	42	42	42	41	41	41	41
	Func. Range	Type	7/12/20	5/6/20	4/30/20	12/3/19	9/8/19	7/11/19	6/17/19

**LabCorp & Outside Labs**

*Glucose	65 - 99 85 - 100	mg/dL blood				96			<b>L 79</b>
*Hemoglobin A1c	4.8 - 5.6 < 5.6	% blood					4.8		4.8
*C-Peptide	1.10 - 4.40 1.70 - 4.40	ng/mL blood	<b>L 1.69</b>		<b>L 1.63</b>				
*LDH	121 - 224 140 - 180	IU/L blood				141			
*Uric Acid	3.7 - 8.6 3.7 - 6.0	mg/dL blood	<b>H 8.4</b>	<b>H 6.6</b>	<b>H 7.1</b>				6.0
*Cholesterol, Total	100 - 199 150 - 225	mg/dL blood	<b>215</b>		<b>H 244</b>				166
*Triglycerides	0 - 149 75 - 100	mg/dL blood	<b>L 50</b>			86			<b>L 66</b>
*HDL Cholesterol	> 39 55 - 75	mg/dL blood	<b>H 76</b>			73	<b>L 50</b>		<b>L 50</b>
*LDL Cholesterol	0 - 99 < 120	mg/dL blood	<b>H 126</b>		<b>H 152</b>	<b>H 165</b>			<b>101</b>
*Chol/HDL Ratio	0.00 - 5.00 < 3.10	ratio units blood		2.80	<b>H 3.30</b>				<b>H 3.30</b>
*CRP, HS	0.00 - 3.00 < 2.00	mg/L blood					.50		<b>H 2.24</b>
Homocystine	0.0 - 14.5 4.5 - 7.0	umol/L blood						<b>H 11.3</b>	
*Homocystine	0.0 - 14.5 4.5 - 7.0	umol/L blood	<b>H 8.6</b>	<b>H 10.1</b>	<b>H 11.6</b>				<b>H 13.7</b>
*Iron, Serum	38 - 169 85 - 130	ug/dL blood				<b>L 65</b>			
*TIBC	250 - 450 250 - 350	ug/dL blood				<b>H 357</b>			
*UIBC	111 - 343 111 - 343	ug/dL blood				292			

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*Iron Saturation	15.00 - 55.00 15.00 - 55.00	% blood				18.20			
*Ferritin	30 - 400 30 - 263	ng/mL blood				113			138
*Hemoglobin	12.6 - 17.7 14.0 - 15.0	g/dL blood				<b>H 15.1</b>	<b>H 15.8</b>		14.6
*Hematocrit	37.5 - 51.0 40.0 - 48.0	% blood				43.4	47.0		43.0
*RBC	4.14 - 5.80 4.20 - 4.90	x10E6/ uL blood					<b>H 5.54</b>		<b>H 5.11</b>
*MCV	79.0 - 97.0 85.0 - 92.0	fL blood				86.0	85.0		<b>L 84.0</b>
*MCH	26.6 - 33.0 27.0 - 32.0	pg blood				30.0	29.0		29.0
*MCHC	31.5 - 35.7 32.0 - 35.0	g/dL blood				34.8	33.6		34.0
*RDW	11.6 - 15.4 < 13.5	% blood				<b>11.9</b>	12.6		<b>11.9</b>
*Platelets	150 - 379 150 - 450	x10E3/ uL blood				232	212		198
*WBC	3.4 - 10.8 5.0 - 8.0	x10E3/ uL blood					5.7		6.5
*Neutrophils	40.0 - 60.0 40.0 - 60.0	% blood				55.0	60.0		52.0
*Lymphocytes	25.00 - 40.00 25.00 - 40.00	% blood				40.00	35.00		<b>H 42.00</b>
*Monocytes	< 7.0 < 7.0	% blood				5.0	5.0		4.0
*Eosinophils	< 3.0 < 3.0	% blood				0.0	0.0		2.0
*Basophils	0.0 - 1.0 0.0 - 1.0	% blood				0.0	0.0		0.0

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*Neutrophils (Abs)	1.40 - 7.00 1.40 - 7.00	x10E3/ uL blood						3.42	3.38
*Lymphs (Abs)	.7 - 3.1 .7 - 3.1	x10E3/ uL blood						1.9	2.7
*Monocytes (Abs)	.10 - 999999.00 .10 - .90	x10E3/ uL blood						.28	.26
*Eos (Abs)	0.00 - .40 0.00 - .40	x10E3/ uL blood						0.00	.13
*Baso (Abs)	0.00 - .20 0.00 - .20	x10E3/ uL blood						0.00	0.00
*TSH	.450 - 4.500 1.800 - 3.000	uIU/mL blood				1.920			<b>L 1.670</b>
*Free T4	.82 - 1.77 1.00 - 1.50	ng/dL blood				1.50			
*Free T3	2.00 - 4.40 3.00 - 4.00	pg/mL blood				<b>L 2.47</b>			
*TPO Ab	< 34.00 < 34.00	IU/mL blood				8.00			
*ATG Ab	0.0 - .9 0.0 - .9	IU/mL blood				<b>H 9.0</b>			
*AST (SGOT)	0 - 40 10 - 26	IU/L blood	25		25	<b>H 38</b>			17
*ALT (SGPT)	0 - 44 10 - 26	IU/L blood	26		<b>H 33</b>	<b>H 59</b>			20
*GGT	0 - 65 10 - 26	IU/L blood	<b>H 153</b>		<b>H 174</b>	<b>H 324</b>			<b>H 138</b>
*Alkaline Phosphatase	39 - 117 25 - 90	IU/L blood	<b>H 92</b>		<b>H 94</b>	<b>H 113</b>			<b>H 110</b>
*Bilirubin	.2 - 1.2 .2 - 1.2	mg/dL blood				.3			.4
*Protein	6.0 - 8.5 6.9 - 7.4	g/dL blood				<b>H 7.8</b>			7.4

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*Albumin	4.0 - 5.0 4.0 - 5.0	g/dL blood				<b>H 5.2</b>			4.8
*Globulin	1.5 - 4.5 2.4 - 2.8	g/dL blood				2.6			2.6
*A/G Ratio	1.1 - 2.5 1.5 - 2.0	ratio units blood				2.0			
*BUN	6 - 20 13 - 18	mg/dL blood				15			<b>H 32</b>
*Creatinine	.76 - 1.27 .70 - 1.10	mg/dL blood				<b>.71</b>			<b>L .66</b>
*Calcium	8.7 - 10.2 9.2 - 10.1	mg/dL blood							9.4
*Sodium	134 - 144 135 - 140	mmol/L blood				140			139
*Potassium	3.5 - 5.2 4.0 - 4.5	mmol/L blood				<b>H 4.7</b>			4.1
*Chloride	97 - 108 100 - 106	mmol/L blood				101			102
*Carbon Dioxide	18 - 29 25 - 30	mmol/L blood				28			
*Vit. D, 25 OH	30.0 - 100.0 60.0 - 100.0	ng/mL blood	62.0		67.0	<b>L 30.0</b>			<b>L 29.0</b>
*IgG	700 - 1600 800 - 1600	mg/dL blood				1352			
*IgA	90 - 386 130 - 386	mg/dL blood				242			
*IgM	20 - 172 20 - 172	mg/dL blood				73			
*IgE	6 - 495 0 - 100	IU/mL blood				23			
*Testosterone, Total	348 - 1197 348 - 1197	ng/dL blood				<b>L 6</b>			<b>L 9</b>
*Free Testosterone	6.80 - 21.50 6.80 - 21.50	pg/mL blood				12.20			17.20

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PSA	0.000 - 4.000 0.000 - 4.000	ng/mL blood							.509
PSA Free	> 0.000 > 0.000	ng/mL blood							.210
% Free PSA	≥ 25.00 ≥ 25.00	% blood							41.00
Sex Hormone Binding Globulin (SHBG)	16.5 - 55.9 16.5 - 55.9	nmol/L blood							<b>H 112.3</b>
*Specific Gravity	none none	urine							1.015
*pH	5.00 - 7.50 5.00 - 7.50	urine							7.00
*Urine-Color		urine							Yellow
*Appearance		urine							<b>Slightly Hazy</b>
*Sex Hormone Binding Globulin (SHBG)	none none	mmol/L blood	<b>H 100.00</b>		<b>H 103.00</b>				<b>H 117.30</b>
*Mucus Threads		urine							<b>Present</b>

Report prepared 7/16/20 3:44 PM by julia