

Ordered Items: CBC With Differential/Platelet; Comp. Metabolic Panel (14); Lipid Panel; FSH and LH; Hemoglobin A1c; TSH; hCG,Beta Subunit, Qnt; Vitamin D, 25-Hydroxy; Progesterone; Venipuncture

Date Collected: 09/02/2021	Date Received: 09/02/2021	Date Reported: 09/03/2021	Fasting: Yes
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CBC With Differential/Platelet

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
WBC ⁰¹	8.9		x10E3/uL	3.4-10.8
RBC ⁰¹	4.49		x10E6/uL	3.77-5.28
Hemoglobin ⁰¹	12.6		g/dL	11.1-15.9
Hematocrit ⁰¹	37.4		%	34.0-46.6
MCV ⁰¹	83		fL	79-97
MCH ⁰¹	28.1		pg	26.6-33.0
MCHC ⁰¹	33.7		g/dL	31.5-35.7
RDW ⁰¹	13.1		%	11.7-15.4
Platelets ⁰¹	358		x10E3/uL	150-450
Neutrophils ⁰¹	57		%	Not Estab.
Lymphs ⁰¹	34		%	Not Estab.
Monocytes ⁰¹	7		%	Not Estab.
Eos ⁰¹	2		%	Not Estab.
Basos ⁰¹	0		%	Not Estab.
Neutrophils (Absolute) ⁰¹	5.0		x10E3/uL	1.4-7.0
Lymphs (Absolute) ⁰¹	3.0		x10E3/uL	0.7-3.1
Monocytes(Absolute) ⁰¹	0.6		x10E3/uL	0.1-0.9
Eos (Absolute) ⁰¹	0.2		x10E3/uL	0.0-0.4
Baso (Absolute) ⁰¹	0.0		x10E3/uL	0.0-0.2
Immature Granulocytes ⁰¹	0		%	Not Estab.
Immature Grans (Abs) ⁰¹	0.0		x10E3/uL	0.0-0.1

Comp. Metabolic Panel (14)

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Glucose ⁰¹	98		mg/dL	65-99
BUN ⁰¹	7		mg/dL	6-20
▼ Creatinine ⁰¹	0.48Low		mg/dL	0.57-1.00
eGFR If NonAfricn Am	137		mL/min/1.73	>59
eGFR If Africn Am	158		mL/min/1.73	>59

Labcorp currently reports eGFR in compliance with the current

Comp. Metabolic Panel (14) (Cont.)

recommendations of the National Kidney Foundation. Labcorp will update reporting as new guidelines are published from the NKF-ASN Task force.

BUN/Creatinine Ratio	15		9-23
Sodium ⁰¹	138	mmol/L	134-144
Potassium ⁰¹	4.5	mmol/L	3.5-5.2
Chloride ⁰¹	100	mmol/L	96-106
Carbon Dioxide, Total ⁰¹	24	mmol/L	20-29
Calcium ⁰¹	9.6	mg/dL	8.7-10.2
Protein, Total ⁰¹	7.3	g/dL	6.0-8.5
Albumin ⁰¹	4.4	g/dL	3.9-5.0
Globulin, Total	2.9	g/dL	1.5-4.5
A/G Ratio	1.5		1.2-2.2
Bilirubin, Total ⁰¹	0.2	mg/dL	0.0-1.2
Alkaline Phosphatase ⁰¹	66	IU/L	48-121

****Effective September 13, 2021 Alkaline Phosphatase****
reference interval will be changing to:

Age	Male	Female
0 - 5 days	47 - 127	47 - 127
6 - 10 days	29 - 242	29 - 242
11 - 20 days	109 - 357	109 - 357
21 - 30 days	94 - 494	94 - 494
1 - 2 months	149 - 539	149 - 539
3 - 6 months	131 - 452	131 - 452
7 - 11 months	117 - 401	117 - 401
12 months - 6 years	158 - 369	158 - 369
7 - 12 years	150 - 409	150 - 409
13 years	156 - 435	78 - 227
14 years	114 - 375	64 - 161
15 years	88 - 279	56 - 134
16 years	74 - 207	51 - 121
17 years	63 - 161	47 - 113
18 - 20 years	51 - 125	42 - 106
>20 years	44 - 121	44 - 121

AST (SGOT) ⁰¹	15	IU/L	0-40
ALT (SGPT) ⁰¹	19	IU/L	0-32

Lipid Panel

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Cholesterol, Total ⁰¹	197		mg/dL	100-199
▲ Triglycerides ⁰¹	173 High		mg/dL	0-149

Lipid Panel (Cont.)

▼ HDL Cholesterol ⁰¹	38	Low	mg/dL	>39
VLDL Cholesterol Cal	31		mg/dL	5-40
▲ LDL Chol Calc (NIH)	128	High	mg/dL	0-99

FSH and LH

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
LH ⁰¹	8.5		mIU/mL	
<div>Adult Female:</div> <div><div>Follicular phase</div><div>Ovulation phase</div><div>Luteal phase</div><div>Postmenopausal</div></div> <div><div>2.4 - 12.6</div><div>14.0 - 95.6</div><div>1.0 - 11.4</div><div>7.7 - 58.5</div></div>				
FSH ⁰¹	1.9		mIU/mL	
<div>Adult Female:</div> <div><div>Follicular phase</div><div>Ovulation phase</div><div>Luteal phase</div><div>Postmenopausal</div></div> <div><div>3.5 - 12.5</div><div>4.7 - 21.5</div><div>1.7 - 7.7</div><div>25.8 - 134.8</div></div>				

Hemoglobin A1c

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
▲ Hemoglobin A1c ⁰¹	5.7		%	4.8-5.6
Please Note: ⁰¹				
<div>Prediabetes: 5.7 - 6.4</div> <div>Diabetes: >6.4</div> <div>Glycemic control for adults with diabetes: <7.0</div>				

TSH

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
TSH ⁰¹	1.830		uIU/mL	0.450-4.500

hCG,Beta Subunit, Qnt

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
hCG,Beta Subunit,Qnt,Serum ⁰¹	<1		mIU/mL	
<div>Female (Non-pregnant)</div> <div>0 - 5</div>				

hCG,Beta Subunit, Qnt (Cont.)

		(Postmenopausal)	0 -	8
		Female (Pregnant)		
		Weeks of Gestation		
		3	6 -	71
		4	10 -	750
		5	217 -	7138
		6	158 -	31795
		7	3697 -	163563
		8	32065 -	149571
		9	63803 -	151410
		10	46509 -	186977
		12	27832 -	210612
		14	13950 -	62530
		15	12039 -	70971
		16	9040 -	56451
		17	8175 -	55868
		18	8099 -	58176
Roche ECLIA methodology				

Vitamin D, 25-Hydroxy

Test	Current Result and Flag		Previous Result and Date	Units	Reference Interval
▼ Vitamin D, 25-Hydroxy ⁰¹	16.1	Low		ng/mL	30.0-100.0
<p>Vitamin D deficiency has been defined by the Institute of Medicine and an Endocrine Society practice guideline as a level of serum 25-OH vitamin D less than 20 ng/mL (1,2). The Endocrine Society went on to further define vitamin D insufficiency as a level between 21 and 29 ng/mL (2).</p> <p>1. IOM (Institute of Medicine). 2010. Dietary reference intakes for calcium and D. Washington DC: The National Academies Press.</p> <p>2. Holick MF, Binkley NC, Bischoff-Ferrari HA, et al. Evaluation, treatment, and prevention of vitamin D deficiency: an Endocrine Society clinical practice guideline. JCEM. 2011 Jul; 96(7):1911-30.</p>					

Progesterone

Test	Current Result and Flag		Previous Result and Date	Units	Reference Interval
Progesterone ⁰¹	12.7			ng/mL	
Follicular phase				0.1 -	0.9
Luteal phase				1.8 -	23.9
Ovulation phase				0.1 -	12.0
Pregnant					

Progesterone (Cont.)

First trimester	11.0 - 44.3
Second trimester	25.4 - 83.3
Third trimester	58.7 - 214.0
Postmenopausal	0.0 - 0.1

Disclaimer
The Previous Result is listed for the most recent test performed by Labcorp in the past 3 years where there is sufficient patient demographic data to match the result to the patient.

Icon Legend
▲ Out of reference range ■ Critical or Alert

Performing Labs
01: DA - LabCorp Dallas 7777 Forest Ln Bldg C350, Dallas, TX, 75230-2544 Dir: CN Etufugh, MD
For Inquiries, the physician can contact Branch: 972-566-7500 Lab: 972-598-6000

Patient Details Raghuraman, Mahalakshmi 5329 N MACARTHUR BLVD APT 1090, IRVING, TX, 75038 Phone: 972-955-3552 Date of Birth: 08/31/1996 Age: 25 Sex: Female Patient ID: 21485 Alternate Patient ID: 21485	Physician Details S MACHUPALL North Dallas Women's Care, P.A 2865 McDermott Rd #225, PLANO, TX, 75025 Phone: 972-908-2444 Account Number: 42782105 Physician ID: NPI: 1033391073	Specimen Details Specimen ID: 245-298-2696-0 Control ID: 100358 Alternate Control Number: 100358 Date Collected: 09/02/2021 0956 Local Date Received: 09/02/2021 0000 ET Date Entered: 09/02/2021 1313 ET Date Reported: 09/03/2021 0611 ET Rte: 00
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