

**Specimen ID:** 007-174-5608-0  
**Control ID:** 20546005543

**Acct #:** 19543092

**Phone:** (301) 593-9612

**Rte:** ML

## OSEI, HENRY N.

11855 OLD COLUMBIA PIKE  
 SILVER SPRING MD 20904  
 (240) 485-6732

Rajeev Batra MD  
 11120 New Hampshire Ave #300  
 Silver Spring MD 20904



### Patient Details

**DOB:** 06/16/1998  
**Age(y/m/d):** 021/06/22  
**Gender:** M **SSN:**  
**Patient ID:**

### Specimen Details

**Date collected:** 01/07/2020 0854 Local  
**Date received:** 01/07/2020  
**Date entered:** 01/07/2020  
**Date reported:** 01/09/2020 0736 ET

### Physician Details

**Ordering:** R BATRA  
**Referring:**  
**ID:**  
**NPI:** 1003918228

### General Comments & Additional Information

**Total Volume:** Not Provided

**Fasting:** Yes

### Ordered Items

CBC With Differential/Platelet; Comp. Metabolic Panel (14); Lipid Panel; Hemoglobin A1c; Vitamin D, 25-Hydroxy; Venipuncture

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
<b>CBC With Differential/Platelet</b>					
WBC	4.8		x10E3/uL	3.4 - 10.8	01
RBC	5.30		x10E6/uL	4.14 - 5.80	01
Hemoglobin	15.9		g/dL	13.0 - 17.7	01
Hematocrit	47.3		%	37.5 - 51.0	01
MCV	89		fL	79 - 97	01
MCH	30.0		pg	26.6 - 33.0	01
MCHC	33.6		g/dL	31.5 - 35.7	01
RDW	12.4		%	11.6 - 15.4	01
**Please note reference interval change**					
Platelets	216		x10E3/uL	150 - 450	01
Neutrophils	41		%	Not Estab.	01
Lymphs	47		%	Not Estab.	01
Monocytes	11		%	Not Estab.	01
Eos	1		%	Not Estab.	01
Basos	0		%	Not Estab.	01
Neutrophils (Absolute)	2.0		x10E3/uL	1.4 - 7.0	01
Lymphs (Absolute)	2.2		x10E3/uL	0.7 - 3.1	01
Monocytes (Absolute)	0.6		x10E3/uL	0.1 - 0.9	01
Eos (Absolute)	0.1		x10E3/uL	0.0 - 0.4	01
Baso (Absolute)	0.0		x10E3/uL	0.0 - 0.2	01
Immature Granulocytes	0		%	Not Estab.	01
Immature Grans (Abs)	0.0		x10E3/uL	0.0 - 0.1	01
<b>Comp. Metabolic Panel (14)</b>					
Glucose	95		mg/dL	65 - 99	01
BUN	15		mg/dL	6 - 20	01
Creatinine	1.18		mg/dL	0.76 - 1.27	01
eGFR If NonAfricn Am	88		mL/min/1.73	>59	
eGFR If Africn Am	101		mL/min/1.73	>59	
BUN/Creatinine Ratio	13			9 - 20	

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Sodium	141		mmol/L	134 - 144		01
Potassium	4.2		mmol/L	3.5 - 5.2		01
Chloride	99		mmol/L	96 - 106		01
Carbon Dioxide, Total	24		mmol/L	20 - 29		01
Calcium	10.1		mg/dL	8.7 - 10.2		01
Protein, Total	7.6		g/dL	6.0 - 8.5		01
Albumin	4.8		g/dL	3.5 - 5.5		01
**Effective January 20, 2020 Albumin reference**						
interval will be changing to:						
	Age		Male		Female	
	0 - 7 days		3.6 - 4.9		3.6 - 4.9	
	8 - 30 days		3.4 - 4.7		3.4 - 4.7	
	1 - 6 month		3.7 - 4.8		3.7 - 4.8	
7 months	- 2 years		3.9 - 5.0		3.9 - 5.0	
	3 - 5 years		4.0 - 5.0		4.0 - 5.0	
	6 - 12 years		4.1 - 5.0		4.0 - 5.0	
	13 - 30 years		4.1 - 5.2		3.9 - 5.0	
	31 - 50 years		4.0 - 5.0		3.8 - 4.8	
	51 - 60 years		3.8 - 4.9		3.8 - 4.9	
	61 - 70 years		3.8 - 4.8		3.8 - 4.8	
	71 - 80 years		3.7 - 4.7		3.7 - 4.7	
	81 - 89 years		3.6 - 4.6		3.6 - 4.6	
	>89 years		3.5 - 4.6		3.5 - 4.6	
Globulin, Total	2.8		g/dL	1.5 - 4.5		
A/G Ratio	1.7			1.2 - 2.2		
Bilirubin, Total	0.4		mg/dL	0.0 - 1.2		01
Alkaline Phosphatase	64		IU/L	39 - 117		01
AST (SGOT)	18		IU/L	0 - 40		01
ALT (SGPT)	12		IU/L	0 - 44		01
<b>Lipid Panel</b>						
Cholesterol, Total	189		mg/dL	100 - 199		01
Triglycerides	86		mg/dL	0 - 149		01
HDL Cholesterol	68		mg/dL	>39		01
VLDL Cholesterol Cal	17		mg/dL	5 - 40		
<b>LDL Cholesterol Calc</b>	<b>104</b>	<b>High</b>	mg/dL	0 - 99		
<b>Hemoglobin A1c</b>						
Hemoglobin A1c	5.5		%	4.8 - 5.6		01
Please Note:						01
	Prediabetes: 5.7 - 6.4					
	Diabetes: >6.4					
	Glycemic control for adults with diabetes: <7.0					
<b>Vitamin D, 25-Hydroxy</b>	<b>7.6</b>	<b>Low</b>	ng/mL	30.0 - 100.0		01
<b>Vitamin D deficiency has been defined by the Institute of Medicine and an Endocrine Society practice guideline as a</b>						

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<p>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).  1. IOM (Institute of Medicine). 2010. Dietary reference  intakes for calcium and D. Washington DC: The  National Academies Press.  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>						

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For inquiries, the physician may contact <b>Branch: 800-859-0391 Lab: 800-762-4344</b>			