

Date Collected: 01/04/2024

Date Received: 01/05/2024

Date Reported: 01/06/2024

Fasting: Not Given

Ordered Items: **CBC With Differential/Platelet; Comp. Metabolic Panel (14); Posaconazole, Serum/Plasma; Sedimentation Rate-Westergren; Immunoglobulin G, Qn, Serum; Immunoglobulin M, Qn, Serum; C-Reactive Protein, Quant; Specimen Status Report**

Date Collected: 01/04/2024

### CBC With Differential/Platelet

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
▲ <b>WBC</b> <sup>01</sup>	<b>13.8</b>	<b>High</b>	<b>11.3</b>	12/28/2023	x10E3/uL	3.4-10.8
RBC <sup>01</sup>	4.49		4.58	12/28/2023	x10E6/uL	4.14-5.80
Hemoglobin <sup>01</sup>	13.0		13.2	12/28/2023	g/dL	13.0-17.7
Hematocrit <sup>01</sup>	40.6		41.2	12/28/2023	%	37.5-51.0
MCV <sup>01</sup>	90		90	12/28/2023	fL	79-97
MCH <sup>01</sup>	29.0		28.8	12/28/2023	pg	26.6-33.0
MCHC <sup>01</sup>	32.0		32.0	12/28/2023	g/dL	31.5-35.7
RDW <sup>01</sup>	13.9		13.7	12/28/2023	%	11.6-15.4
Platelets <sup>01</sup>	303		260	12/28/2023	x10E3/uL	150-450
Neutrophils <sup>01</sup>	78		80	12/28/2023	%	Not Estab.
Lymphs <sup>01</sup>	13		14	12/28/2023	%	Not Estab.
Monocytes <sup>01</sup>	7		6	12/28/2023	%	Not Estab.
Eos <sup>01</sup>	1		0	12/28/2023	%	Not Estab.
Basos <sup>01</sup>	1		0	12/28/2023	%	Not Estab.
▲ <b>Neutrophils (Absolute)</b> <sup>01</sup>	<b>10.8</b>	<b>High</b>	<b>8.9</b>	12/28/2023	x10E3/uL	1.4-7.0
Lymphs (Absolute) <sup>01</sup>	1.7		1.6	12/28/2023	x10E3/uL	0.7-3.1
▲ <b>Monocytes(Absolute)</b> <sup>01</sup>	<b>1.0</b>	<b>High</b>	0.6	12/28/2023	x10E3/uL	0.1-0.9
Eos (Absolute) <sup>01</sup>	0.1		0.0	12/28/2023	x10E3/uL	0.0-0.4
Baso (Absolute) <sup>01</sup>	0.1		0.0	12/28/2023	x10E3/uL	0.0-0.2
Immature Granulocytes <sup>01</sup>	0		0	12/28/2023	%	Not Estab.
Immature Grans (Abs) <sup>01</sup>	0.0		0.0	12/28/2023	x10E3/uL	0.0-0.1

### Comp. Metabolic Panel (14)

Test	Current Result and Flag		Previous Result and Date		Units	Reference Interval
Glucose <sup>01</sup>	82		97	12/28/2023	mg/dL	70-99
BUN <sup>01</sup>	9		8	12/28/2023	mg/dL	6-24
▲ <b>Creatinine</b> <sup>01</sup>	<b>1.30</b>	<b>High</b>	0.89	12/28/2023	mg/dL	0.76-1.27
eGFR	69		108	12/28/2023	mL/min/1.73	>59
▼ <b>BUN/Creatinine Ratio</b>	<b>7</b>	<b>Low</b>	9	12/28/2023		9-20
Sodium <sup>01</sup>	141		144	12/28/2023	mmol/L	134-144
Potassium <sup>01</sup>	4.2		4.2	12/28/2023	mmol/L	3.5-5.2
Chloride <sup>01</sup>	106		<b>107</b>	12/28/2023	mmol/L	96-106
▼ <b>Carbon Dioxide, Total</b> <sup>01</sup>	<b>19</b>	<b>Low</b>	20	12/28/2023	mmol/L	20-29
▼ <b>Calcium</b> <sup>01</sup>	<b>8.5</b>	<b>Low</b>	8.7	12/28/2023	mg/dL	8.7-10.2
▼ <b>Protein, Total</b> <sup>01</sup>	<b>5.9</b>	<b>Low</b>	6.1	12/28/2023	g/dL	6.0-8.5
▼ <b>Albumin</b> <sup>01</sup>	<b>3.6</b>	<b>Low</b>	<b>3.7</b>	12/28/2023	g/dL	4.1-5.1

**Comp. Metabolic Panel (14) (Cont.)**

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Globulin, Total	2.3	2.4	12/28/2023	g/dL 1.5-4.5
A/G Ratio	1.6	1.5	12/28/2023	1.2-2.2
Bilirubin, Total <sup>01</sup>	<0.2	<0.2	12/28/2023	mg/dL 0.0-1.2
Alkaline Phosphatase <sup>01</sup>	91	93	12/28/2023	IU/L 44-121
AST (SGOT) <sup>01</sup>	26	30	12/28/2023	IU/L 0-40
ALT (SGPT) <sup>01</sup>	27	39	12/28/2023	IU/L 0-44

**Posaconazole, Serum/Plasma**

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Posaconazole, Serum/Plasma <sup>A, 02</sup>				
Test not performed. The required specimen for the test ordered was not received.				
RED FROZEN NEEDS SERUM SPUN FROM WB CELLS				
The average peak Posaconazole plasma concentrations in individual patients four to five hours following a single 200 mg oral dose administered with a high-fat meal was 0.51 ug/mL (range 0.24 to 1.02 ug/mL). The average steady-state plasma concentrations in patients receiving twice daily oral doses of 400 mg was 0.72 ug/mL (range 0.01 to 2.26 ug/mL). Average serum concentrations greater than 1.25 ug/mL have been observed to be effective in treatment of invasive aspergillosis, and greater than 0.5 to 1.5 ug/mL trough concentrations are recommended for general treatment of fungal infection and 0.5 ug/mL is recommended for prophylaxis. No relationship between plasma concentrations and toxicity has been identified for Posaconazole.				

**Sedimentation Rate-Westergren**

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
<b>▲ Sedimentation Rate-Westergren<sup>01</sup></b>	<b>30 High</b>	10	11/17/2023	mm/hr 0-15

**Immunoglobulin G, Qn, Serum**

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Immunoglobulin G, Qn, Serum <sup>01</sup>	680	723	12/18/2023	mg/dL 603-1613

**Immunoglobulin M, Qn, Serum**

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Immunoglobulin M, Qn, Serum <sup>01</sup>	20	23	12/18/2023	mg/dL 20-172
Result confirmed on concentration.				

**C-Reactive Protein, Quant**

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
<b>▲ C-Reactive Protein, Quant<sup>01</sup></b>	<b>24 High</b>	<b>11</b>	12/28/2023	mg/L 0-10

**Specimen Status Report**

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
Specimen Status Report <sup>01</sup>	Test not performed. The required specimen for the test ordered was not received. TEST: 700265 Posaconazole, Serum/Plasma  RED FROZEN NEEDS SERUM SPUN FROM WB CELLS			

**Disclaimer**

The Previous Result is listed for the most recent test performed by Labcorp in the past 5 years where there is sufficient patient demographic data to match the result to the patient. Results from certain tests are excluded from the Previous Result display.

**Icon Legend**

▲ Out of Reference Range ■ Critical or Alert

**Comments**

A: This test was developed and its performance characteristics determined by Labcorp. It has not been cleared or approved by the Food and Drug Administration.

**Performing Labs**

01: DV - Labcorp Denver, 8490 Upland Drive, Englewood, CO 80112-7115 Dir: Earle Collum, MD  
02: BN - Labcorp Burlington, 1447 York Court, Burlington, NC 27215-3361 Dir: Sanjai Nagendra, MD  
For Inquiries, the physician may contact Branch: 303-792-2600 Lab: 303-792-2600

**Patient Details**

**Zoubek, John**  
**UNIT 2059,4380 S MONACO ST, DENVER, CO, 80237**

Phone: **720-688-8214**  
Date of Birth: **12/20/1979**  
Age: **44**  
Sex: **Male**  
Patient ID:  
Alternate Patient ID:

**Physician Details**

**G KAUFMAN**  
**Colorado Infectious Disease**  
**950 E. Harvard #140, Denver, CO, 80210**

Phone: **303-777-0781**  
Account Number: **04074804**  
Physician ID:  
NPI: **1295701811**

**Specimen Details**

Specimen ID: **004-881-2504-0**  
Control ID: **L2400089172**  
Alternate Control Number: **L2400089172**  
Date Collected: **01/04/2024 0911 Local**  
Date Received: **01/05/2024 0000 ET**  
Date Entered: **01/05/2024 0035 ET**  
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