

Run Date: 05/15/2019

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Interim Report

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	Palo Alto	Save	Foundation Laboratories		
<b>Fremont Center</b>	<b>Palo Alto Center</b>		<b>Mountain View Center</b>	<b>Santa Cruz Center</b>	<b>Dublin Center</b>
3200 Kearney Street	795 El Camino Real		701 E El Camino Real	2025 Soquel Avenue	4050 Dublin Blvd
Fremont, CA 94538	Palo Alto, CA 94301		Mountain View, CA 94040	Santa Cruz, CA 95062	Dublin, CA 94568
Ph: 510-498-2813	Ph: 650-853-2833		Ph: 650-934-7333	Ph: 831-458-5506	Ph: 925-875-6171
Fax: 510-498-2833	Fax: 650-853-2804		Fax: 650-934-7342	Fax: 831-458-5844	Fax: 925-875-6207

Name: CHRISTENSON,ALAN

DOB: 07/21/1936

MR #: 56462699

197 VIA LANTANA -

Sex: M

ACCT #: 975316392

APTOS

Ord Loc: LABSZLAB

Admit Date: 05/14/201

APTOS CA 95003

Ph: 408-219-2454

T2937131 COLL: 05/14/2019 11:05 REC: 05/14/2019 12:06 PHYS: ANDO,YUMI E

Patient fasting

Vitamin B12	576	[211-911]	pg/mL	{C7}
Comp Metabolic Pnl				
Sodium	144	[136-145]	mmol/L	{S5}
Potassium	4.1	[3.5-5.1]	mmol/L	{S5}
Chloride	H 112	[98-107]	mmol/L	{S5}
Bicarbonate	25	[21-32]	mmol/L	{S5}
Glucose	H 107	[70-100]	mg/dL	{S5}
<b>Impaired fasting glucose, a form of pre-diabetes, is defined by the ADA as FPG of 100-125 mg/dL.</b>				
BUN	18	[6-25]	mg/dL	{S5}
Creatinine	0.88	[0.50-1.30]	mg/dL	{S5}
IDMS-traceable method				
Note New Normal Range				
eGFR-Other	80	[>60]	See Cmmt	{S5}
eGFR-African America	93	[>60]	See Cmmt	{S5}
Units: mL/min/1.73 m2. Estimated glomerular filtration rate values are calculated using the CKD-EPI equation				
Calcium	8.7	[8.2-10.2]	mg/dL	{S5}
Total Protein	6.7	[6.4-8.2]	g/dL	{S5}
Albumin	3.5	[3.2-4.7]	g/dL	{S5}
Bilirubin, Total	0.8	[<1.1]	mg/dL	{S5}
Alkaline Phosphatase	106	[26-137]	U/L	{S5}
AST	13	[0-37]	U/L	{S5}
ALT	17	[15-65]	U/L	{S5}
Hemoglobin A1c				
A1c (Percent)	H 6.3	[4.8-5.6]	%	{SC}

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Patient fasting

Hemoglobin A1c (CONTINUED)

Average Glucose 134 mg/dL {SC}

Hemoglobin A1c

5.7-6.4% Increased Risk of diabetes mellitus

> or = 6.5% Consistent with diabetes mellitus

ADA Therapeutic goal <7% HbA1c

Additional action suggested >8% HbA1c

Immediate action suggested >10% HbA1c

Estimated average glucose is calculated using the equation eAG = (28.7 x HbA1c) - 46.7

%Hb A1c Estimated Average Glucose(eAG)mg/dL

5	97
6	126
7	154
8	183
9	212
10	240
11	269

Method is NGSP certified

References:

1. American Diabetes Association Standards of Medical Care in Diabetes. Diabetes Care 2010 Jan 33:S11-S61
2. Nathan DM et al. Translating the A1c assay into estimated average glucose values. Diabetes Care 2008 Aug 31:1473-1478

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## Palo Alto Center

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## Mountain View Center

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Mountain View, CA 94040

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Fax: 650-934-7342

## Santa Cruz Center

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Ph: 831-458-5506

Fax: 831-458-5844

## Dublin Center

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Dublin, CA 94568

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Patient fasting

## Lipid Profile

## Cholesterol

123 [ $<200$ ] mg/dL {S5}Desirable:  $<200$  mg/dL

Borderline: 200 to 239 mg/dL

High:  $>240$  mg/dL

## Triglyceride

65 [ $<150$ ] mg/dL {S5}Normal:  $<150$  mg/dL

Borderline High: 150 to 199 mg/dL

High: 200 to 499 mg/dL

Very High:  $>$  or  $= 500$  mg/dL

## HDL

47 [ $>40$ ] mg/dL {S5}High:  $>$  or  $= 60$  mg/dLLow:  $<40$  mg/dL

## LDL (Calculated)

63 [ $<130$ ] mg/dL {S5}Optimal:  $<100$  mg/dL

Near Optimal: 100 to 129 mg/dL

Borderline High: 130 to 159 mg/dL

High: 160 to 189 mg/dL

Very High:  $>$  or  $= 190$  mg/dL

## Cholesterol:HDL Rati

2.6 [ $<5.0$ ] {S5}

## PSA, Total

1.19 [0.00-4.00] ng/mL {C7}

(Siemens/Centaur)

## TSH w/rfx to T4F

## TSH

0.64 [0.34-4.82] uIU/mL {S5}

## VitD, 25-Hydroxy Tot

47 [20-80] ng/mL {S5}

This Total 25-OHD assay measures the sum of 25-hydroxy vitamin D metabolites (D2 and D3)

All ages: 20-50 ng/mL\*

There is no known benefit of values  $> 50$  ng/mLValues  $> 80$  ng/mL may be associated with toxicity

\*In patients with risk factors such as bone

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Patient fasting

VitD, 25-Hydroxy Tot (CONTINUED)

disease, values between 20-29 ng/mL may be insufficient, and values greater than 30 ng/mL may be more appropriate.

## CBC w Auto Diff

WBC Count	5.6	[4.0-11.0]	K/uL	{SC}
RBC Count	4.72	[4.40-6.00]	M/uL	{SC}
Hemoglobin	<b>L 12.5</b>	[13.5-18.0]	g/dL	{SC}
Hematocrit	41.0	[40.0-52.0]	%	{SC}
MCV	87	[80-100]	fL	{SC}
MCH	<b>L 26.5</b>	[27.0-33.0]	pg	{SC}
MCHC	<b>L 30.5</b>	[31.0-36.0]	g/dL	{SC}
RDW	15.7	[<16.4]	%	{SC}
Platelet Count	161	[150-400]	K/uL	{SC}
Diff Type	Automated			{SC}
Neutrophil	64	[49.0-74.0]	%	{SC}
Lymphocytes	<b>L 18</b>	[26.0-46.0]	%	{SC}
Monocyte	<b>H 13</b>	[2.0-12.0]	%	{SC}
Eosinophil	5	[0.0-5.0]	%	{SC}
Basophil	0	[0.0-2.0]	%	{SC}
Abs. Neutrophil	3.5	[2.0-8.0]	K/uL	{SC}
Abs. Lymphocyte	1.0	[1.0-5.1]	K/uL	{SC}
Abs. Monocyte	0.7	[0.0-0.8]	K/uL	{SC}
Abs. Eosinophil	0.3	[0.0-0.5]	K/uL	{SC}
Abs. Basophil	0.0	[0.0-0.2]	K/uL	{SC}

{C7} = Performed at: Palo Alto Medical Foundation, 701 El Camino Real, Mountain View, CA 94040. Medical Director: Edmund Tai, MD

{S5} = Performed at: Sutter Health Shared Lab, 2950 Collier Canyon Rd Livermore CA 94551 Medical Director: Joan Etzell, MD

{SC} = Performed at: Palo Alto Medical Foundation Santa Cruz, 2025 Soquel Ave, Santa Cruz CA 95062. Medical Director: Jon L. Keller MD, MPH

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