

PALMER, SHAWN

DOB: 10/18/1969
Sex: M
Phone: (773) 343-5872
Patient ID: 000027319

Age: 51
Fasting: Y

Specimen: WX058685C
Requisition: 0000314
Report Status: FINAL / SEE REPORT

Collected: 12/04/2020 13:44
Received: 12/04/2020 13:45
Reported: 12/09/2020 20:41

Client #: 97520272
SHERMAN, COURTNEY P
DISCOUNTED LABS
1302 WAUGH DR # 143
HOUSTON, TX 77019-3908
Phone: (602) 220-1243

FASTING: YES

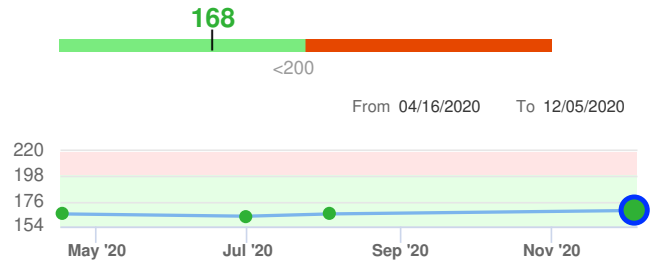
LIPID PANEL, STANDARD

FINAL

Lab: CB

CHOLESTEROL, TOTAL (2093-3)

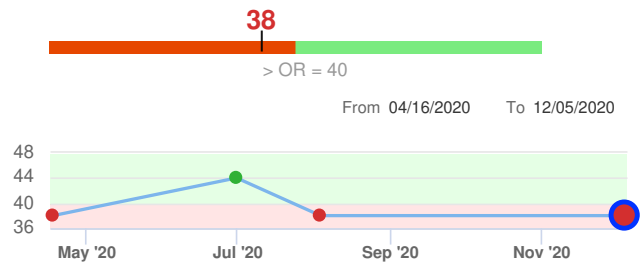
Reference Range: <200
mg/dL



FINAL

HDL CHOLESTEROL (2085-9)

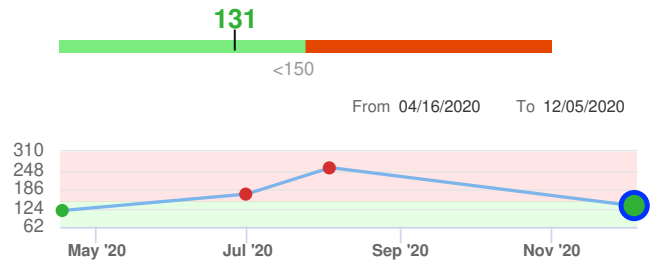
Reference Range: > OR = 40
mg/dL



FINAL

TRIGLYCERIDES (2571-8)

Reference Range: <150
mg/dL



FINAL

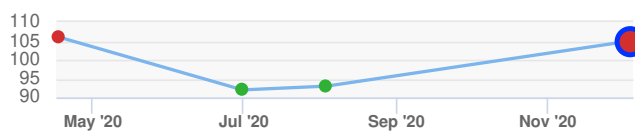
▲ LDL-CHOLESTEROL (13457-7)

105 H

FINAL

mg/dL (calc)

From 04/16/2020 To 12/05/2020



Reference range varies across results

Reference range: <100

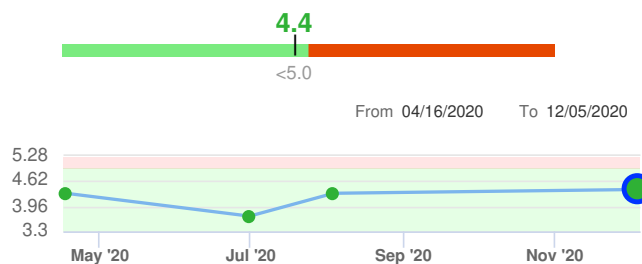
Desirable range <100 mg/dL for primary prevention;
<70 mg/dL for patients with CHD or diabetic patients
with > or = 2 CHD risk factors.

LDL-C is now calculated using the Martin-Hopkins calculation, which is a validated novel method providing better accuracy than the Friedewald equation in the estimation of LDL-C.
Martin SS et al. JAMA. 2013;310(19): 2061-2068
(<http://education.QuestDiagnostics.com/faq/FAQ164>)

CHOL/HDLC RATIO (9830-1)

Reference Range: <5.0 (calc)

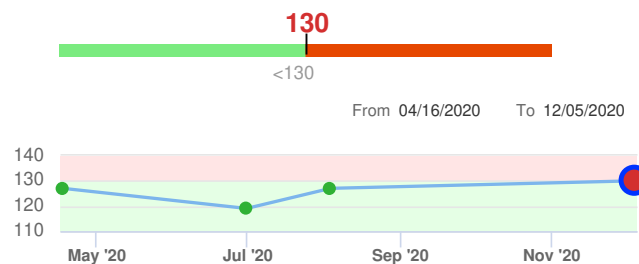
FINAL



▲ NON HDL CHOLESTEROL (43396-1)

Reference Range: <130
mg/dL (calc)

FINAL



For patients with diabetes plus 1 major ASCVD risk factor, treating to a non-HDL-C goal of <100 mg/dL (LDL-C of <70 mg/dL) is considered a therapeutic option.

▲ DIHYDROTESTOSTERONE

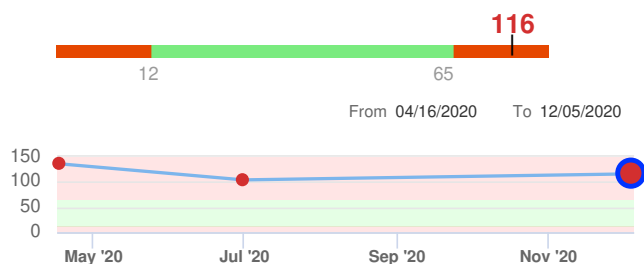
FINAL

Lab: EZ

▲ DIHYDROTESTOSTERONE, LC/MS/MS (1848-1)

Reference Range: 12-65 ng/dL See Note 1

FINAL



▲ CBC (INCLUDES DIFF/PLT)

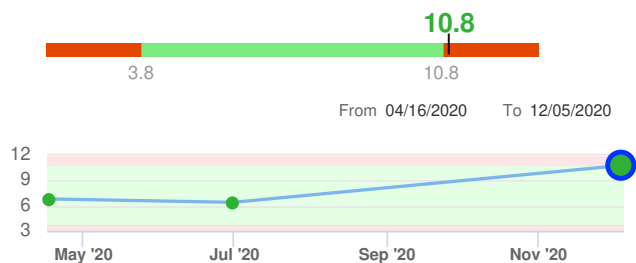
FINAL

Lab: CB

WHITE BLOOD CELL COUNT (6690-2)

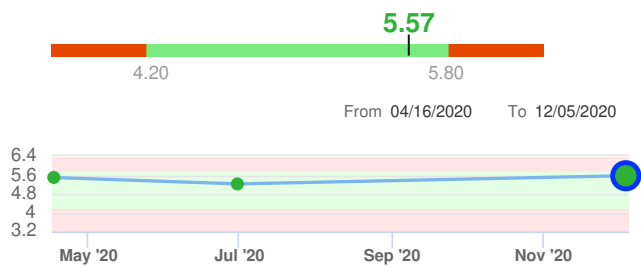
Reference Range: 3.8-10.8 Thousand/uL

FINAL

**RED BLOOD CELL COUNT** (789-8)

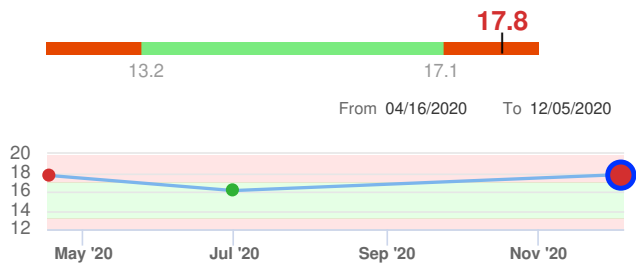
Reference Range: 4.20-5.80 Million/uL

FINAL

**▲ HEMOGLOBIN** (718-7)

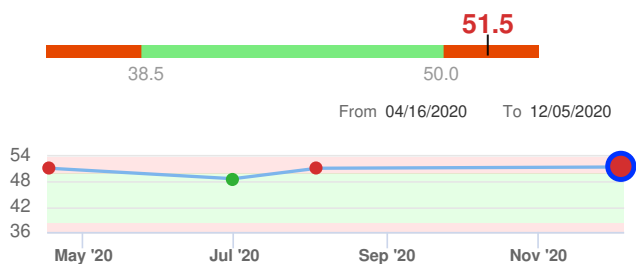
Reference Range: 13.2-17.1 g/dL

FINAL

**▲ HEMATOCRIT** (4544-3)

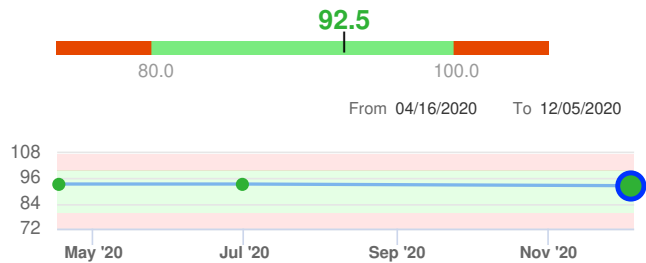
Reference Range: 38.5-50.0 %

FINAL

**MCV** (787-2)

Reference Range: 80.0-100.0 fL

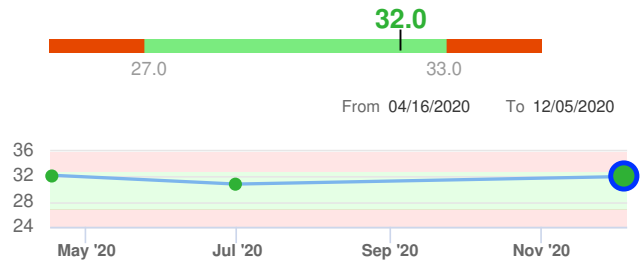
FINAL



MCH (785-6)

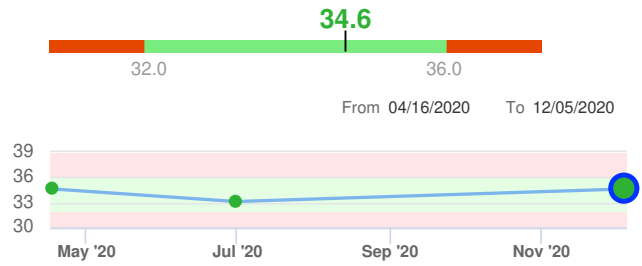
Reference Range: 27.0-33.0 pg

FINAL

**MCHC** (786-4)

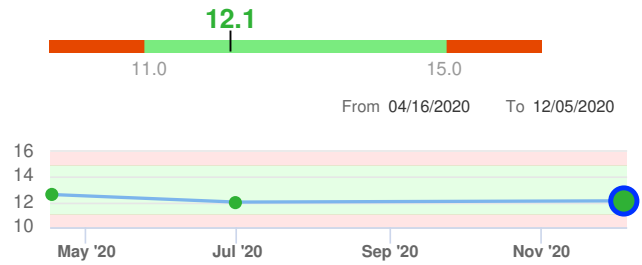
Reference Range: 32.0-36.0 g/dL

FINAL

**RDW** (788-0)

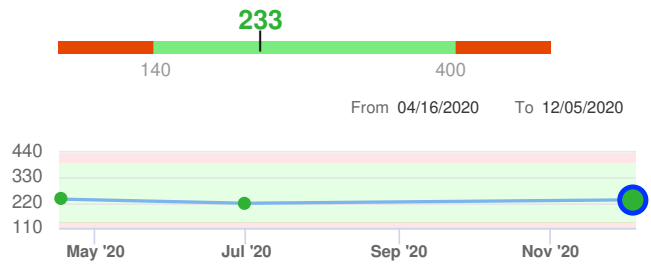
Reference Range: 11.0-15.0 %

FINAL

**PLATELET COUNT** (777-3)

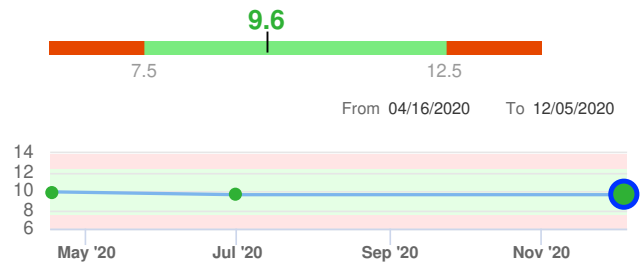
Reference Range: 140-400 Thousand/uL

FINAL

**MPV** (776-5)

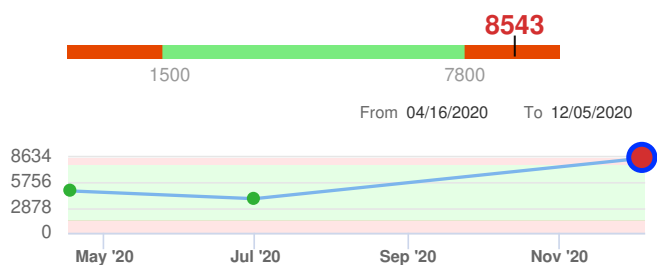
Reference Range: 7.5-12.5 fL

FINAL



▲ ABSOLUTE NEUTROPHILS (751-8)

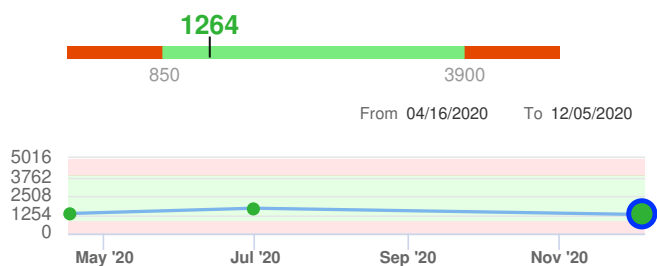
Reference Range: 1500-7800 cells/uL



FINAL

ABSOLUTE LYMPHOCYTES (731-0)

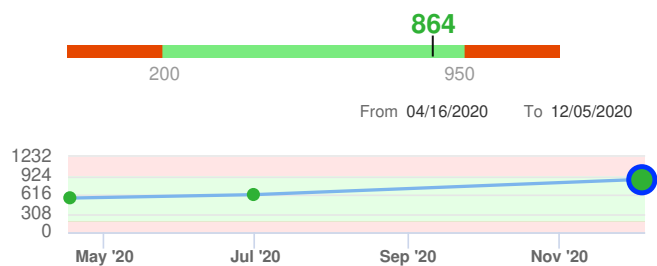
Reference Range: 850-3900 cells/uL



FINAL

ABSOLUTE MONOCYTES (742-7)

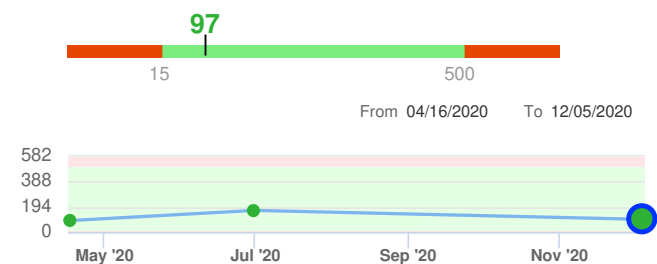
Reference Range: 200-950 cells/uL



FINAL

ABSOLUTE EOSINOPHILS (711-2)

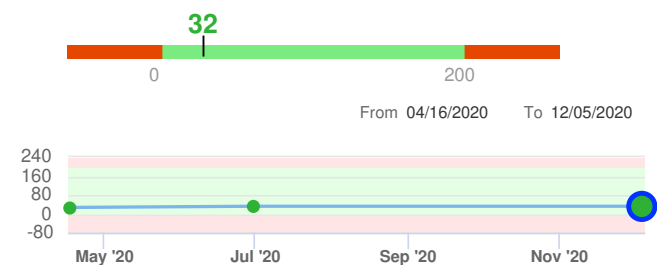
Reference Range: 15-500 cells/uL



FINAL

ABSOLUTE BASOPHILS (704-7)

Reference Range: 0-200 cells/uL



FINAL

NEUTROPHILS (770-8)

%

79.1

FINAL

From 04/16/2020 To 12/05/2020



Reference range varies across results

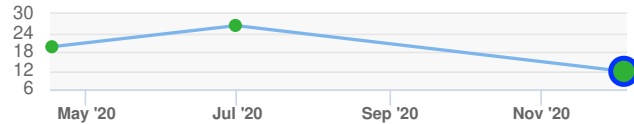
LYMPHOCYTES (736-9)

%

11.7

FINAL

From 04/16/2020 To 12/05/2020



Reference range varies across results

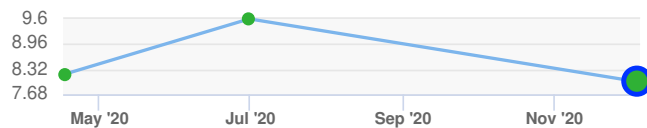
MONOCYTES (5905-5)

%

8.0

FINAL

From 04/16/2020 To 12/05/2020



Reference range varies across results

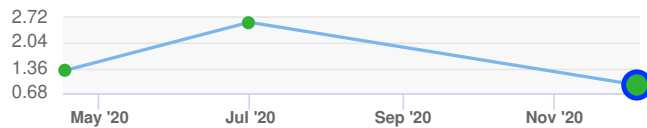
EOSINOPHILS (713-8)

%

0.9

FINAL

From 04/16/2020 To 12/05/2020



Reference range varies across results

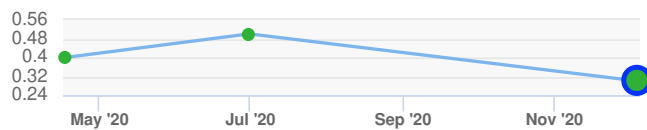
BASOPHILS (706-2)

%

0.3

FINAL

From 04/16/2020 To 12/05/2020



Reference range varies across results

▲ ESTRADIOL,ULTRASENSITIVE, LC/MS

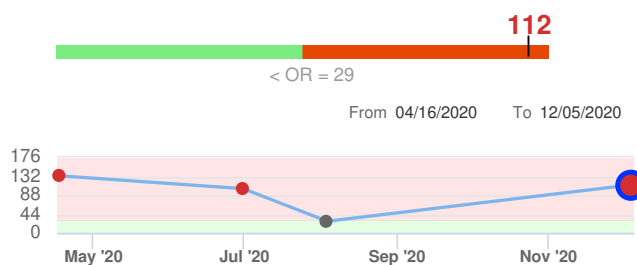
FINAL

Lab: EZ

⚠️ ESTRADIOL, ULTRASENSITIVE, LC/MS

(35384-7)

Reference Range: < OR = 29 pg/mL



This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute San Juan Capistrano. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

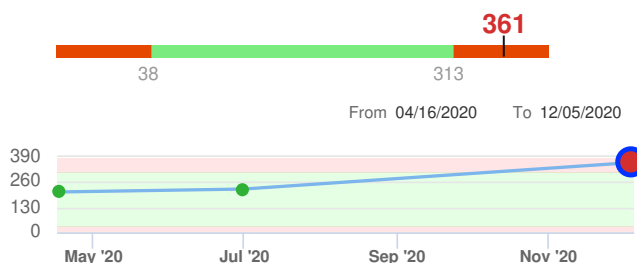
⚠️ DHEA SULFATE

FINAL

Lab: CB

⚠️ DHEA SULFATE (2191-5)

Reference Range: 38-313 mcg/dL



Reference range varies across results

DHEA-S values fall with advancing age. For reference, the reference intervals for 31-40 year old patients are:

Male: 106-464 mcg/dL

Female: 23-266 mcg/dL

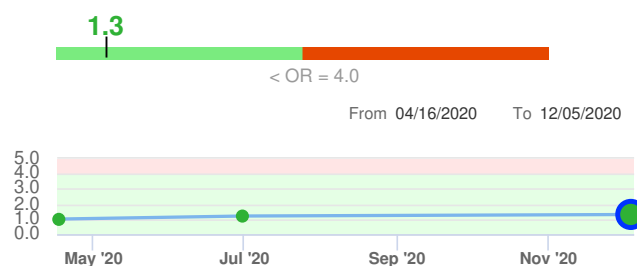
⚠️ PSA (FREE AND TOTAL)

FINAL

Lab: CB

PSA, TOTAL (2857-1)

Reference Range: < OR = 4.0 ng/mL

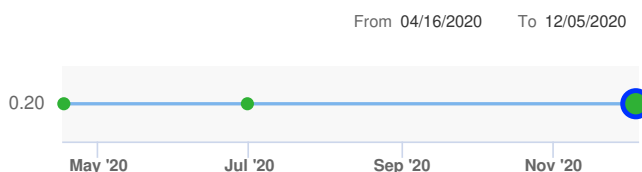


PSA, FREE (10886-0)

ng/mL

0.2

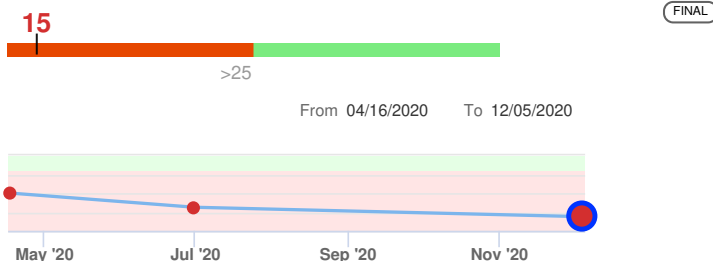
FINAL



Reference range varies across results

▲ PSA, % FREE (12841-3)

Reference Range: >25 % (calc)



PSA(ng/mL)	Free PSA(%)	Estimated(x) Probability of Cancer(as%)
0-2.5	(*)	Approx. 1
2.6-4.0(1)	0-27(2)	24(3)
4.1-10(4)	0-10	56
	11-15	28
	16-20	20
	21-25	16
	>or =26	8
>10(+)	N/A	>50

References:(1)Catalona et al.:Urology 60: 469-474 (2002)
(2)Catalona et al.:J.Urol 168: 922-925 (2002)
Free PSA(%) Sensitivity(%) Specificity(%)
< or = 25 85 19
< or = 30 93 9
(3)Catalona et al.:JAMA 277: 1452-1455 (1997)
(4)Catalona et al.:JAMA 279: 1542-1547 (1998)

(x)These estimates vary with age, ethnicity, family history and DRE results.
(*)The diagnostic usefulness of % Free PSA has not been established in patients with total PSA below 2.6 ng/mL
(+)In men with PSA above 10 ng/mL, prostate cancer risk is determined by total PSA alone.

The Total PSA value from this assay system is standardized against the equimolar PSA standard. The test result will be approximately 20% higher when compared to the WHO-standardized Total PSA (Siemens assay). Comparison of serial PSA results should be interpreted with this fact in mind.

PSA was performed using the Beckman Coulter Immunoassay method. Values obtained from different assay methods cannot be used interchangeably. PSA levels, regardless of value, should not be interpreted as absolute evidence of the presence or absence of disease.

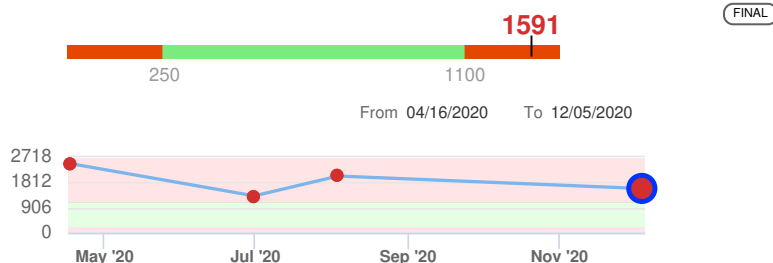
▲ TESTOSTERONE, FREE (DIALYSIS) AND TOTAL,MS

FINAL

Lab: Z3E

▲ TESTOSTERONE, TOTAL, MS (2986-8)

Reference Range: 250-1100 ng/dL



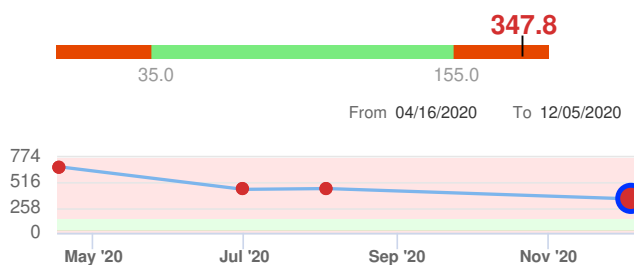
(Note)
For additional information, please refer to
<http://education.questdiagnostics.com/faq/TotalTestosteroneLCMSMS>
(This link is being provided for informational/educational purposes only.)
This test was developed and its analytical performance characteristics have been determined by medfusion. It has not been cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.
PALMER,SHAWN (WX058685C) 8 / 15

12/10/20

▲ TESTOSTERONE, FREE (2991-8)

Reference Range: 35.0-155.0 pg/mL

FINAL



(Note)

This test was developed and its analytical performance characteristics have been determined by medfusion. It has not been cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

MDF
med fusion
2501 South State Highway 121, Suite 1100
Lewisville TX 75067
972-966-7300
Michael Chaump, MD

COMPREHENSIVE METABOLIC PANEL

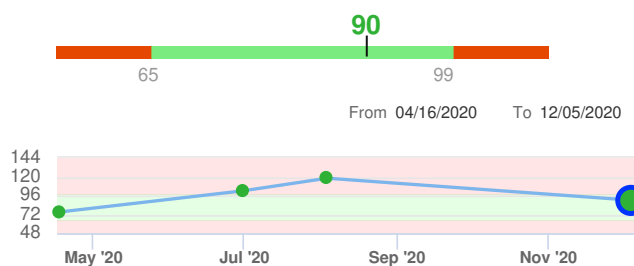
FINAL

Lab: CB

GLUCOSE (2345-7)

Reference Range: 65-99 mg/dL

FINAL



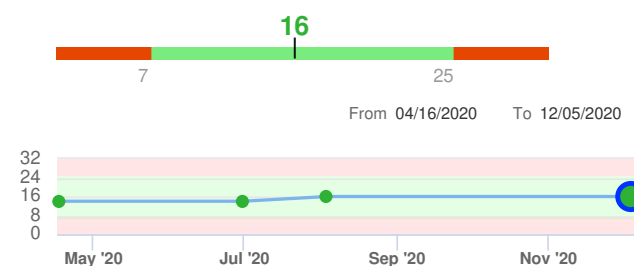
Reference range varies across results

Fasting reference interval

UREA NITROGEN (BUN) (3094-0)

Reference Range: 7-25 mg/dL

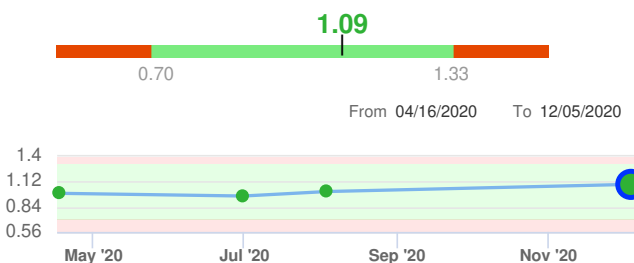
FINAL



CREATININE (2160-0)

Reference Range: 0.70-1.33 mg/dL

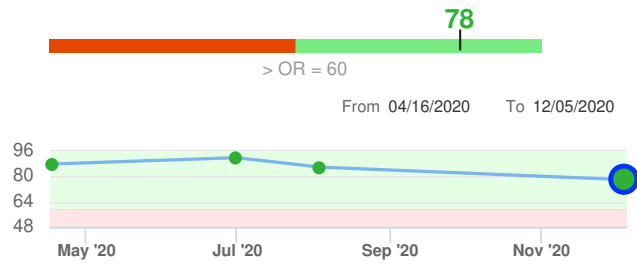
FINAL



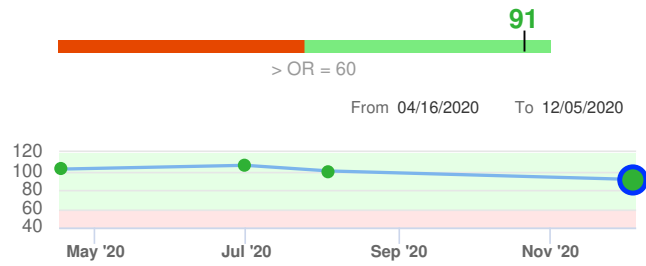
For patients >49 years of age, the reference limit for Creatinine is approximately 13% higher for people identified as African-American.

eGFR NON-AFR. AMERICAN (77147-7)Reference Range: > OR = 60 mL/min/1.73m²

FINAL

**eGFR AFRICAN AMERICAN** (48643-1)Reference Range: > OR = 60 mL/min/1.73m²

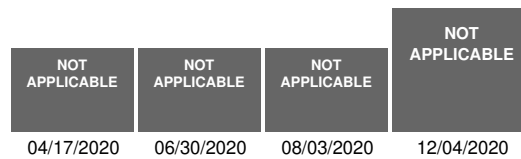
FINAL

**BUN/CREATININE RATIO** (3097-3)

Reference Range: 6-22 (calc)

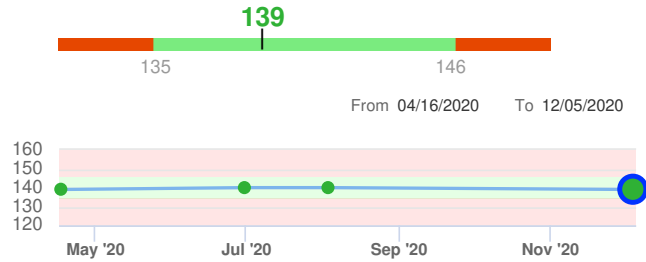
NOT APPLICABLE

FINAL

**SODIUM** (2951-2)

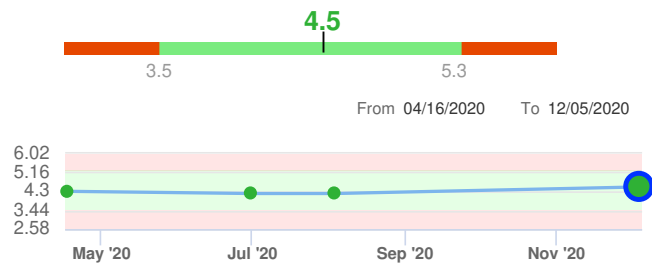
Reference Range: 135-146 mmol/L

FINAL

**POTASSIUM** (2823-3)

Reference Range: 3.5-5.3 mmol/L

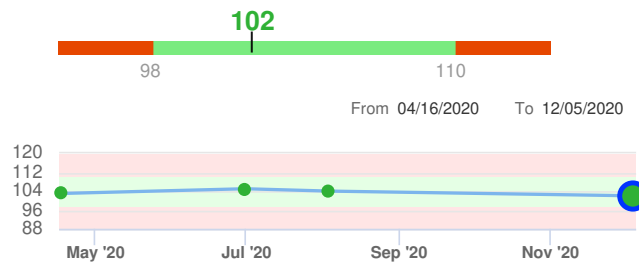
FINAL



CHLORIDE (2075-0)

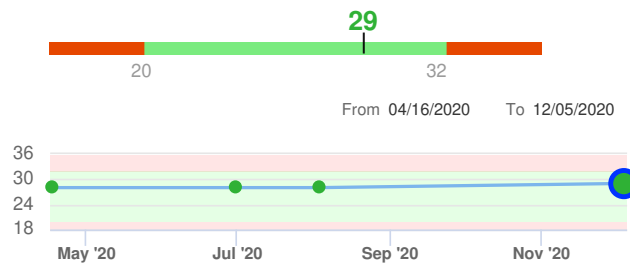
Reference Range: 98-110 mmol/L

FINAL

**CARBON DIOXIDE (2028-9)**

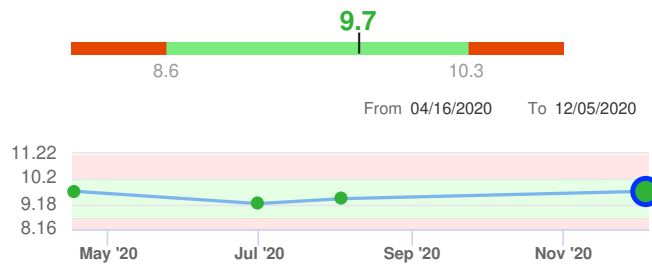
Reference Range: 20-32 mmol/L

FINAL

**CALCIUM (17861-6)**

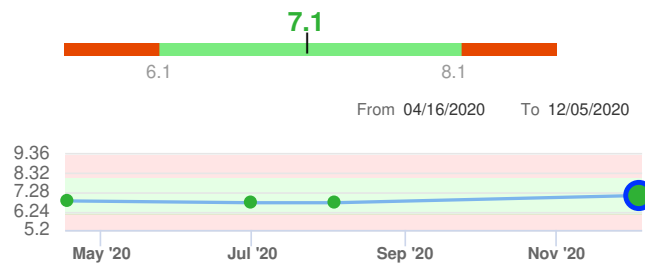
Reference Range: 8.6-10.3 mg/dL

FINAL

**PROTEIN, TOTAL (2885-2)**

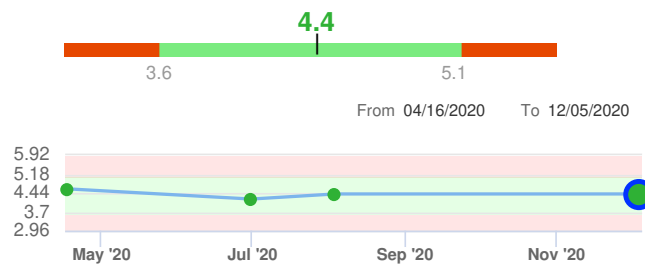
Reference Range: 6.1-8.1 g/dL

FINAL

**ALBUMIN (1751-7)**

Reference Range: 3.6-5.1 g/dL

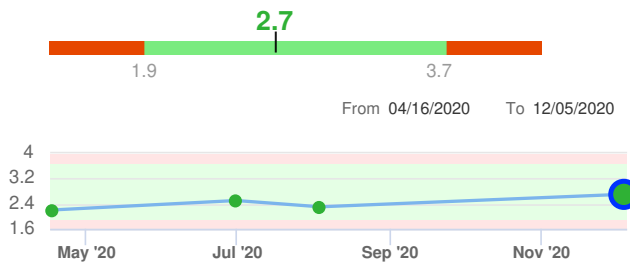
FINAL



GLOBULIN (10834-0)

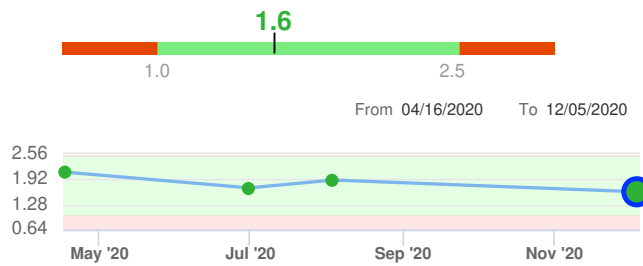
Reference Range: 1.9-3.7 g/dL (calc)

FINAL

**ALBUMIN/GLOBULIN RATIO (1759-0)**

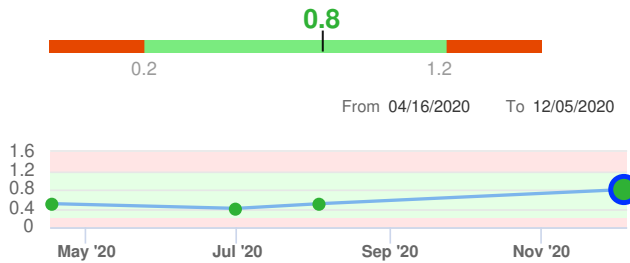
Reference Range: 1.0-2.5 (calc)

FINAL

**BILIRUBIN, TOTAL (1975-2)**

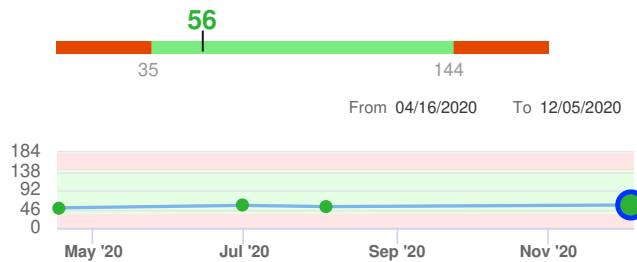
Reference Range: 0.2-1.2 mg/dL

FINAL

**ALKALINE PHOSPHATASE (6768-6)**

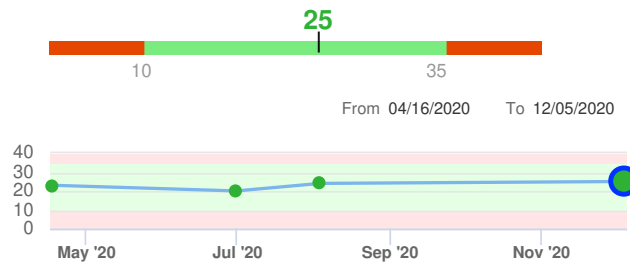
Reference Range: 35-144 U/L

FINAL

**AST (1920-8)**

Reference Range: 10-35 U/L

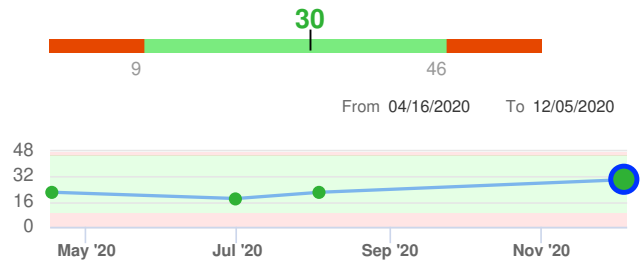
FINAL



ALT (1742-6)

Reference Range: 9-46 U/L

FINAL



IGF 1, LC/MS

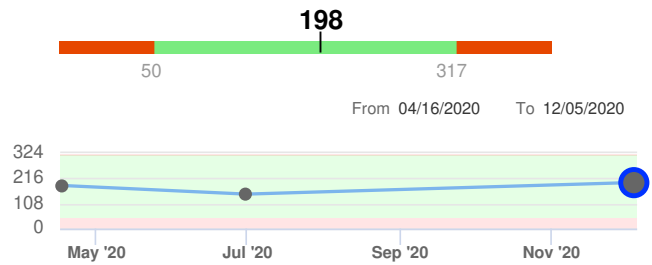
FINAL

Lab: EZ

IGF 1, LC/MS (2484-4)

Reference Range: 50-317 ng/mL

FINAL

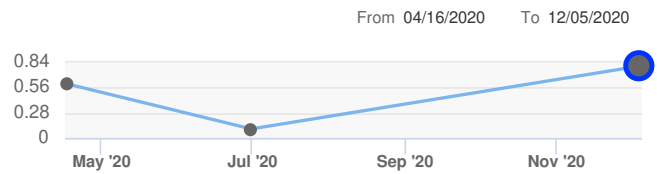


Z SCORE (MALE) (73561-3)

Reference Range: -2.0 - +2.0 SD See Note 1

0.8

FINAL



TSH

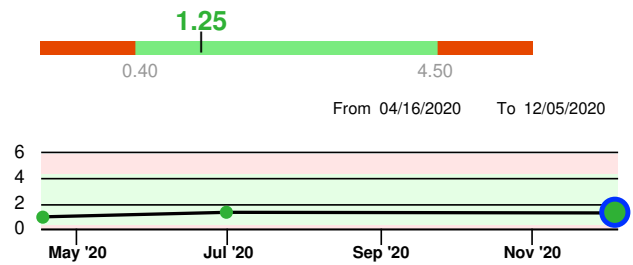
FINAL

Lab: CB

TSH (3016-3)

Reference Range: 0.40-4.50 mIU/L

FINAL



T4, FREE

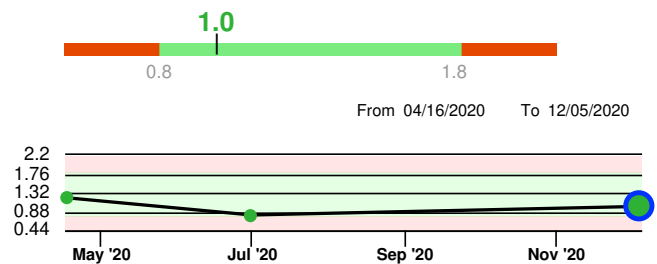
FINAL

Lab: CB

T4, FREE (3024-7)

Reference Range: 0.8-1.8 ng/dL

FINAL



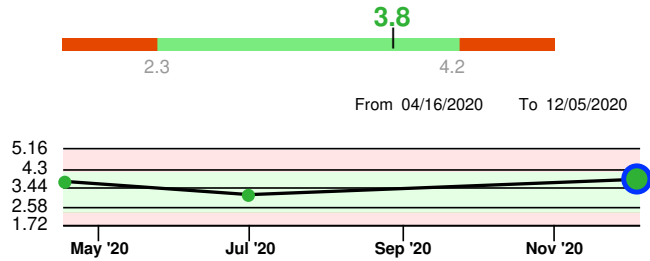
T3, FREE

FINAL

Lab: CB

T3, FREE (3051-0)

Reference Range: 2.3-4.2 pg/mL



FINAL

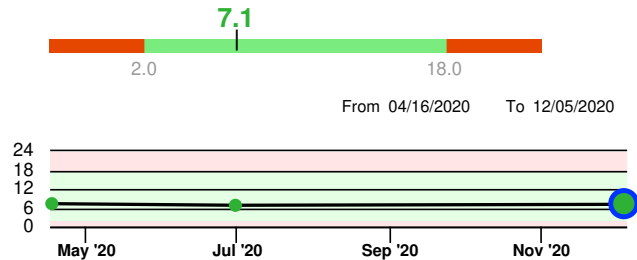
PROLACTIN

FINAL

Lab: CB

PROLACTIN (2842-3)

Reference Range: 2.0-18.0 ng/mL



FINAL

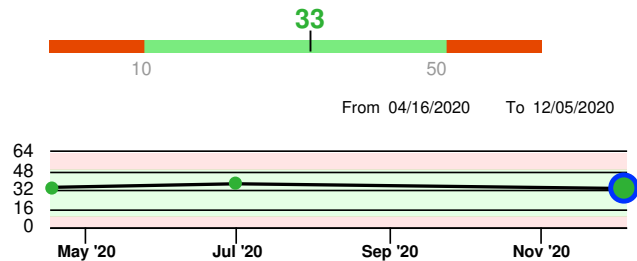
SEX HORMONE BINDING GLOBULIN

FINAL

Lab: CB

SEX HORMONE BINDING GLOBULIN (13967-5)

Reference Range: 10-50 nmol/L



FINAL

Note 1

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute San Juan Capistrano. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

Performing Sites

CB Quest Diagnostics-Wood Dale, 1355 Mittel Blvd, Wood Dale, IL 60191-1024 Laboratory Director: Anthony V Thomas, M.D.
EZ Quest Diagnostics/Nichols SJC-San Juan Capistrano,, 33608 Ortega Hwy, San Juan Capistrano, CA 92675-2042 Laboratory Director: Irina Maramica MD, PhD, MBA
Z3E MedFusion-MedFusion, 2501 South State Highway 121, Suite 1100, Lewisville, TX 75067-8188 Laboratory Director: Michael Champ

Key

Priority Out of Range Out of Range PENDING Pending Result PRELIMINARY Preliminary Result FINAL Final Result REISSUED Reissued Result

Note: Data displayed only for results that meet strict identification matching. Historical result view may vary based on corrected or updated patient demographics. The reference range displayed may vary due to potential changes in laboratory testing methods. Please refer to the published reference range on each lab report.

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