

Quest Diagnostics
SPECIMEN INFORMATION
SPECIMEN: ZD635258B
REQUISITION: 67785386
Lab ref no:

COLLECTED: 03/15/2021 09:23AM PDT
RECEIVED: 03/15/2021 09:23AM PDT
REPORTED: 03/19/2021 01:33PM PDT

PATIENT INFORMATION

Beaman, Cooper
DOB: April 23, 1998
AGE: 22
GENDER: Male
FASTING: Unknown

Clinical Info:

REPORT STATUS: FINAL

ORDERING PHYSICIAN
Ramos, C.
CLIENT INFORMATION
2021-03-19 13:33:00 -0700
Private MD Labs
445 Hwy 46S
Suite 29-214
Dickson, TN 37055

Test Name	Result	Flag	Reference Range	Lab
ESTRADIOL, ULTRASENSITIVE, LC/MS/MS				
ESTRADIOL,ULTRASENSITIVE, LC/MS	33	HIGH	< OR = 29 pg/mL	02

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.

Sex Hormone Binding Globulin (SHBG)

SEX HORMONE BINDING GLOBULIN	51	HIGH	10-50 nmol/L	03
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HOMOCYSTEINE, CARDIOVASCULAR

HOMOCYSTEINE	9.9	NORMAL	<11.4 umol/L	03
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Homocysteine is increased by functional deficiency of folate or vitamin B12. Testing for methylmalonic acid differentiates between these deficiencies. Other causes of increased homocysteine include renal failure, folate antagonists such as methotrexate and phenytoin, and exposure to nitrous oxide.

Selhub J, et al., Ann Intern Med. 1999;131(5):331-9.

TESTOSTERONE, FREE AND TOTAL, LC/MS/MS

TESTOSTERONE, TOTAL, MS	942	NORMAL	250-1100 ng/dL	01
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For additional information, please refer to <http://education.questdiagnostics.com/faq/TotalTestosteroneLCMSMS>
(This link is being provided for informational/educational purposes only.)

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TESTOSTERONE, FREE	102.0	NORMAL	35.0-155.0 pg/mL	01
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Dihydrotestosterone, LC/MS/MS

DIHYDROTESTOSTERONE, LC/MS/MS	21	NORMAL	12-65 ng/dL	02
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Performing Laboratory Information:

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02: Quest Diagnostics/Nichols SJC-San Juan Capistrano,, 33608 Ortega Hwy, San Juan Capistrano CA, phone: , Director: MD, PhD, MBA Irina Maramica
03: Quest Diagnostics-West Hills, 8401 Fallbrook Ave, West Hills CA, phone: , Director: Tab Toochinda