

RAMSDEN-STEIN,BENJAMIN ▲

DOB: 10/30/1984
Sex: M
Phone: (408) 482-2886
Patient ID: 3135308

Age: 40
Fasting: N

Specimen: SZ181831S
Requisition: 0015073
Report Status: PARTIAL / SEE REPORT

Collected: 02/25/2025 09:59
Received: 02/25/2025 10:00
Reported: 02/26/2025 22:43

Client #: 70079975
RAMSDEN-STEIN,BENJAMIN
TEVERBAUGH,PATRICK MD
1400 EMELINE AVE
SANTA CRUZ, CA 95060-1976
Phone: (831) 454-4170
Fax: (831) 454-4484

SPLIT 02/18/2025 FROM 0015072 ; FASTING:NO

▲ TESTOSTERONE, FREE, BIOAVAILABLE AND TOTAL, MALES (ADULT), IMMUNOASSAY

Lab: EN

FINAL

Analyte	Value		
TESTOSTERONE, TOTAL, MALES (ADULT), IA (2986-8)	313	Reference Range: 250-827 ng/dL	FINAL
ALBUMIN (1751-7)	4.4	Reference Range: 3.6-5.1 g/dL	FINAL
SEX HORMONE BINDING GLOBULIN (13967-5)	29	Reference Range: 10-50 nmol/L	FINAL
▲ TESTOSTERONE, FREE (2991-8)	44.5 L	Reference Range: 46.0-224.0 pg/mL	FINAL
▲ TESTOSTERONE,BIOAVAILABLE (2990-0)	89.5 L	Reference Range: 110.0-575.0 ng/dL	FINAL

HOMOCYSTEINE

Lab: UL

FINAL

Analyte	Value		
HOMOCYSTEINE (13965-9)	3.0	Reference Range: <11.4 umol/L	FINAL
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.			

FSH

FINAL

Lab: UL

Analyte	Value		
FSH (15067-2)	5.1	Reference Range: 1.4-12.8 mIU/mL	FINAL

LH

FINAL

Lab: UL

Analyte	Value		
LH (10501-5)	4.0	Reference Range: 1.5-9.3 mIU/mL	FINAL

PROLACTIN

FINAL

Lab: UL

Analyte	Value		
PROLACTIN (2842-3)	6.1	Reference Range: 2.0-18.0 ng/mL	FINAL

ESTRADIOL

FINAL

Lab: UL

Analyte	Value		
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ESTRADIOL (2243-4)**15** Reference Range: < OR = 39 pg/mL**FINAL**

Reference range established on post-pubertal patient population. No pre-pubertal reference range established using this assay. For any patients for whom low Estradiol levels are anticipated (e.g. males, pre-pubertal children and hypogonadal/post-menopausal females), the Quest Diagnostics Nichols Institute Estradiol, Ultrasensitive, LCMSMS assay is recommended (order code 30289).

Please note: patients being treated with the drug fulvestrant (Faslodex(R)) have demonstrated significant interference in immunoassay methods for estradiol measurement. The cross reactivity could lead to falsely elevated estradiol test results leading to an inappropriate clinical assessment of estrogen status. Quest Diagnostics order code 30289-Estradiol, Ultrasensitive LC/MS/MS demonstrates negligible cross reactivity with fulvestrant.

DHEA, UNCONJUGATED**PEND**

Lab: EZ

Analyte**Value**

DHEA, UNCONJUGATED (2196-4)

PEND**Performing Sites**

EN Quest Diagnostics-West Hills, 8401 Fallbrook Ave, West Hills, CA 91304-3226 Laboratory Director: Thomas J McDonald

EZ Quest Diagnostics/Nichols SJC-San Juan Capistrano,, 33608 Ortega Hwy, San Juan Capistrano, CA 92675-2042 Laboratory Director: Irina Maramba MD,PhD,MBA

UL Quest Diagnostics-Sacramento - Northgate, 3714 Northgate Blvd, Sacramento, CA 95834-1617 Laboratory Director: Lorne L Holland

Key**Priority Out of Range** **Out of Range** **PEND** Pending Result **PRE** Preliminary Result **FINAL** Final Result **RE** Reissued Result

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