



Quest Diagnostics Incorporated

 Report Status: Final
 TULLY-COSTA, EVELYN

Patient Information	Specimen Information	Client Information
TULLY-COSTA, EVELYN DOB: 10/18/1960 AGE: 55 Gender: F Phone: 7183992023 Patient ID: 049663643	Specimen: RE498743 Requisition: T529770003432 Collected: 09/19/2016 / 09:25 EDT Received: 09/19/2016 / 22:16 EDT Reported: 09/22/2016 / 00:18 EDT	Client #: 52977 1000 TANNENBAUM, JOSHUA JOSHUA TANNENBAUM, M.D. 45 EAST 85TH ST NEW YORK, NY 10028

Test Name	In Range	Out Of Range	Reference Range	Lab
TOTAL VOLUME	1.65		Liters	TBR
COLLECTION TIME	24		Hours	
CREATININE, 24 HOUR URINE				TBR
CREATININE, 24 HOUR URINE	1.56		0.63-2.50 g/24 h	
CREATININE, URINE	0.95		g/L	
CORTISOL, FREE, LCMSMS, 24HU				QNI
TOTAL VOLUME	1650		mL	
CORTISOL, FREE, URINE	17.1 ✓		4.0-50.0 mcg/24 h	

Analysis performed by Tandem Mass Spectrometry

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.

CREATININE, URINE	1.52	0.63-2.50 g/24 h
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PERFORMING SITE:

QNI Quest Diagnostics, Nichols Institute, 33608 Ortega Highway, San Juan Capistrano, CA 92675 Laboratory Director: Dr. Jon M. Nakamoto, CLIA: 05D0643352
 TBR Quest Diagnostics, One Malcolm Avenue, Totterboro, NJ 07068 Laboratory Director: Lawrence Tian, M.D., CLIA: 31D0696246

Re 10/5/16 - normal labs.

CLIENT SERVICES: 866-697-8378

SPECIMEN: RE498743

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TULLY COSTA, EVELYN

Patient Information	Specimen Information	Client Information
TULLY COSTA, EVELYN DOB: 10/18/1960 AGE: 55 Gender: F Fasting: N Phone: 9175791094 Patient ID: NG	Specimen: BJ946180 Requisition: Collected: 09/16/2016 / 14:10 EDT Received: 09/16/2016 / 21:12 EDT Reported: 09/22/2016 / 10:47 EDT	Client #: 52977 1000 UNKNOWN JOSHUA TANNENBAUM, M.D. 45 EAST 85TH ST NEW YORK, NY 10028

Test Name	In Range	Out Of Range	Reference Range	Lab
GLUCOSE GLUCOSE	93 ✓		65-139 mg/dL	TBR
FRUCTOSAMINE	241 ✓		190-270 umol/L	TBR
COLLAGEN CROSS-LINKED, UR	27 ✓		10-110	TBR

The glucose reference range is based on a non-fasting state.

Units of Measure: nMol BCE/mMol creatinine

Results are primarily used for monitoring the response to therapy. A value within the premenopausal reference range does not rule out osteoporosis nor the need for therapy.

CREATININE, RANDOM URINE CREATININE, RANDOM URINE	233 ✓		20-320 mg/dL	TBR
INSULIN	8.1 ✓		2.0-19.6 uIU/mL	TBR
DHEA SULFATE	69		8-188 mcg/dL	TBR

This insulin assay shows strong cross-reactivity for some insulin analogs (lispro, aspart, and glargine) and much lower cross-reactivity with others (detomir, glulisine).

DHEA-S values fall with advancing age. For reference, the reference intervals for 31-40 year old patients are:
Female 23-266 mcg/dL and Male 106-464 mcg/dL.

ANA IFA SCR W/REFL TITER ANA SCREEN, IFA	Negative ✓		Negative	TBR
C REACTIVE PROTEIN	0.2		<0.8 mg/dL	TBR

Please be advised that patients taking Carboxypenicillins may exhibit falsely decreased C-Reactive Protein levels due to an analytical interference in this assay.

LIPOPROTEIN (A) TESTOSTERONE, FREE, BIO/TOT	74.2		<75.0 nmol/L	TBR AMD
TESTOSTERONE, TOTAL, LCMSMS	18		2-45 ng/dL	

For more information on this test, go to
<http://education.questdiagnostics.com/faq/>
TotalTestosteroneLCMSMS

TESTOSTERONE FREE	1.6 ✓		0.2-5.0 pg/mL
TESTOSTERONE BIOAVAILABLE	3.5 ✓		0.5-8.5 ng/dL
SHBG	45		17-124 nmol/L
ALBUMIN, SERUM	4.7		3.6-5.1 g/dL
CHROMOGRANIN A, ECL	7 ✓		< OR = 15 ng/mL

This test was performed using a laboratory developed electrochemiluminescent method. Values obtained with different assay methods cannot be used interchangeably. Chromogranin A levels, regardless of value, should not be interpreted as absolute evidence of the presence or absence of disease.

QNI

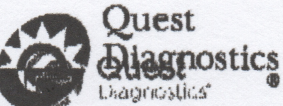
CLIENT SERVICES: 866-697-8378

SPECIMEN: BJ946180

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Test Name	In Range	Out Of Range	Reference Range	Lab
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CORTISOL, LC/MS/MS, SERUM	9.6 ✓		mcg/dL	QNI
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Adult Reference Ranges for Cortisol, Total, Serum:

Males and Females	8-10 AM	4.6-20.6 mcg/dL
	4-6 PM	1.6-13.6 mcg/dL

Cortisol Response to ACTH

Adult Males and Females

Peak >20.0 mcg/dL

Peak >16.0 mcg/dL after IM injection

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GLYCOMARK (R)	12.0 ✓		7.5-28.4 mcg/mL	AMD
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GlycoMark(R) reference ranges apply to persons without diabetes. In people with diabetes under good to moderate glycemic control (hemoglobin A1c levels 8% or less), GlycoMark(R) levels less than 8 mcg/mL suggest significant glycemic variability, most likely due to post meal blood glucose levels increasing above 180 mg/dL.

PERFORMING SITE:

AMD Quest Diagnostics Nichols Chantilly, 14225 Newbrunck Drive, Chantilly, VA 20151 Laboratory Director: Patrick W. Mason, M.D., Ph.D., CLIA: 49D0221801
 QNI Quest Diagnostics, Nichols Institute, 33608 Ortega Highway, San Juan Capistrano, CA 92675 Laboratory Director: Dr. Jon M. Nakamoto, CLIA: 05D0643352
 TBR Quest Diagnostics, One Malcolm Avenue, Teeterboro, NJ 07608 Laboratory Director: Lawrence Tsao, M.D., CLIA: 31D0696246

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