

**INOVA Reference Laboratory**

**Inova Central Laboratory Service Center  
2832 Juniper Street  
Fairfax, VA 22031**

**Telephone: (703) 645-6175  
Fax: (703) 645-6136**

# **Facsimile Transmittal**

**Number of pages including this transmittal page: 5**

**Date: 05/21/14 Time: 09:28 AM EDT**

**To:**

**Fax Number: 9,1,8134457340,16075911**

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**INOVA HEALTH  
SYSTEM**

 Inova Alexandria Hospital  
4320 Seminary Road  
Alexandria, VA 22304

 Patient: **LARABEE, THOMAS C**

DOB: 09/02/1958 Age: 55

Gender: M

PID:

 Order MD: **REFERRING, NOT ON FILE**

Copy To:

Collect DT: 05/05/2014 08:35

Print/DT: 05/21/2014 09:28

**ORD. COMM:** FAXED TO 813-445-7340 5-14 CW, by 78418 on 05/14/2014 at 13:13

<u>Test Name</u>	<u>Abnormal Result</u>	<u>Normal Result</u>	<u>Reference</u>	<u>Units</u>	<u>Site</u>
<b>HEMATOLOGY</b>					
WBC		5.78	3.50-10.80	x10 <sup>3</sup> /uL	J
RBC	<b>6.18</b>	<b>H</b>	4.70-6.00	x10 <sup>6</sup> /uL	J
HGB	<b>17.4</b>	<b>H</b>	13.0-17.0	g/dL	J
HCT		52.0	42.0-52.0	%	J
MCV		84.1	80.0-100.0	fL	J
MCH		28.2	28.0-32.0	pg	J
MCHC		33.5	32.0-36.0	g/dL	J
RDW		14	12-15	%	J
Platelets		278	140-400	x10 <sup>3</sup> /uL	J
MPV	<b>9.3</b>	<b>L</b>	9.4-12.3	fL	J
Nucleated RBC		0	0-1	/100 WBC	J

Performing Site:

J Inova Central Laboratory, 2832 Juniper Street, Fairfax VA 22031

**CHEMISTRY**

Glucose		84	70-100	mg/dL	J
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Interpretive Data for Adult Male and Female Population

Indeterminate Range: 100-125 mg/dL

Equal to or greater than 126 mg/dL meets the ADA guidelines for Diabetes Mellitus diagnosis if symptoms are present and confirmed by repeat testing.

 Random (Non-Fasting) Interpretive Data (Adults):  
Equal to or greater than 200 mg/dL meets the ADA guidelines for Diabetes Mellitus diagnosis if symptoms are present and confirmed by Fasting Glucose or GTT.

BUN		10.0	8.0-20.0	mg/dL	J
Creatinine		1.1	0.5-1.5	mg/dL	J
Sodium		136	135-146	mEq/L	J
Potassium		3.7	3.5-5.3	mEq/L	J
Chloride	<b>95</b>	<b>L</b>	96-109	mEq/L	J
CO2		28	21-30	mEq/L	J
Calcium		8.9	8.5-10.5	mg/dL	J
Protein Total		7.5	6.0-8.3	g/dL	J
Albumin		4.0	3.5-5.0	g/dL	J
AST		31	5-34	U/L	J
ALT		34	0-55	U/L	J
Alkaline Phosphatase		64	40-150	U/L	J
Bilirubin Total		0.9	0.1-1.2	mg/dL	J

KEY FOR RESULTS: L - Low H - High AB - Abnormal CL - Critical Low CH - Critical High

ORDER#: 530502404

ACCOUNT#: H13033860672

Printed/Date: 05/21/14

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**LARABEE, THOMAS C**

MR#: 01264584

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<b>CHEMISTRY</b>						
Globulin			3.5	2.0-3.7	g/dL	J
A/G Ratio			1.1	0.9-2.2		J
Cholesterol	<b>224</b>	<b>H</b>		0-199	mg/dL	J
Triglyceride	<b>150</b>	<b>H</b>		34-149	mg/dL	J
HDL Cholesterol	<b>33</b>	<b>L</b>		>40	mg/dL	J

**HDL:**

Less than 40 mg/dL - Major risk heart disease

Greater than or equal to 60 mg/dL - Negative risk factor  
for heart disease

LDL Calculated	<b>161</b>	<b>H</b>		0-99	mg/dL	J
VLDL Calculated			30	10-40	mg/dL	J
CHOL/HDL Ratio			6.8	See Below	Index	J

**Chol/HDL Ratio:**

Classification	Male	Female
Very Low (1/2 Average Risk)	<3.4	<3.3
Low Risk	4.0	3.8
Average Risk	5.0	4.5
Moderate Risk (2X Average risk)	9.5	7.0
High Risk (3X Average Risk)	>23.0	>11.0

Iron		42	40-160	ug/dL	J
GFR		>60.0			J

**Disease State Reference Ranges:**

Chronic Kidney Disease; &lt; 60 ml/min/1.73 sq.m

Kidney Failure; &lt; 15 ml/min/1.73 sq.m

[Calculated using IDMS-Traceable MDRD equation (based on gender, age and black vs. non-black race) recommended by National Kidney Disease Education Program. No data available for non-white, non-black race.]

**GFR estimates are unreliable in patients with:**Rapidly changing kidney function or recent dialysis,  
extreme age, body size or body composition (obesity,  
severe malnutrition). Abnormal muscle mass (limb  
amputation, muscle wasting). In these patients,  
alternative determinations of GFR should be obtained.

Hemolyzed Index	<b>19</b>	<b>H</b>	0-9	Index	J
Estradiol	<b>74</b>	<b>H</b>	11-44	pg/mL	J

**Normal Menstruating Females**

Follicular Phase	21 - 251
Mid-Cycle Phase	38 - 649
Luteal Phase	21 - 312

Postmenopausal Females not &lt;10 - 26

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<b>CHEMISTRY</b>					
on hormone replacement therapy					
Postmenopausal Females on hormone replacement therapy	<10 - 144				
Males	11 - 44				
Ferritin	<b>13.71</b>	<b>L</b>	21.80-274.70	ng/mL	J
Prolactin	<b>25.3</b>	<b>H</b>	3.5-19.4	ng/mL	J
Prostate Specific Antigen		1.090	0.000-4.000	ng/mL	J
Results obtained for this Abbott Architect assay may not be used interchangeably with values obtained with different manufacturers assay methods.					
T3		1.12	0.48-1.59	ng/mL	J
T4		6.4	4.9-11.7	ug/dL	J
TSH		2.53	0.35-4.94	uIU/mL	J

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**REFERENCE MAYO**

Dihydrotestosterone, S	<b>1510</b>	<b>H</b>	112-955	pg/mL	Y
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Test Performed by:

Mayo Clinic Laboratories - Rochester Main Campus

200 First Street SW, Rochester, MN 55905

Laboratory Director: Franklin R. Cockerill, III, M.D.

Performing Site:

Y Mayo Medical Laboratories

**REFERENCE QUEST****Testosterone, Free, Bioavailable and Tot**

Testosterone, Total, LC/MS/MS	1024	Q
Reference range: 250-1100 ng/dL		

For more information on this test, go to  
<http://education.questdiagnostics.com/faq/TotalTestosteroneLCMSMS>**Testosterone, Free and Total, LC/MS/MS**

Free Testosterone	205.8	Q
Reference range: 35.0-155.0 pg/mL		

Performing Site:

Q Quest Diagnostics

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<b>REFERENCE QUEST</b>					
DHEA Dehydroepiandrosterone Sulfate		138	25-240	mcg/dL	Q
Test Performed by Quest, Chantilly, Quest Diagnostics Nichols Institute, 14225 Newbrook Drive, Chantilly, VA 20151 Kenneth Sisco, M.D., Ph.D., Director of Laboratories (703) 802-6900, CLIA 49D0221801					
Sex Hormone Binding Glob.		27	10-50	nmol/L	Q
Test Performed by Quest, Chantilly, Quest Diagnostics Nichols Institute, 14225 Newbrook Drive, Chantilly, VA 20151 Kenneth Sisco, M.D., Ph.D., Director of Laboratories (703) 802-6900, CLIA 49D0221801					

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Q Quest Diagnostics

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