

FISHER, NAOMI

DOB: 05/25/1981
Sex: F
Phone: (417) 459-8145
Patient ID: 26461194

Age: 43
Fasting:

Specimen: KZ237024E
Requisition: 0067663
Report Status: FINAL / SEE REPORT

Collected: 03/10/2025 07:28
Received: 03/10/2025 07:36
Reported: 03/16/2025 11:20

Client #: 41141141
GLEICHER, NORBERT
HOUSE ACCOUNT IN BU
10101 RENNER BLVD
LENEXA, KS 66219-9752
Phone: (866) 697-8378

▲ IMMUNOGLOBULINS

Analyte	Value
▲ IMMUNOGLOBULIN A	327 H Reference Range: 47-310 mg/dL
IMMUNOGLOBULIN G	1199 Reference Range: 600-1640 mg/dL
IMMUNOGLOBULIN M	191 Reference Range: 50-300 mg/dL

▲ ANA SCREEN, IFA, W/REFL TITER AND PATTERN

Analyte	Value
▲ ANA SCREEN, IFA	POSITIVE Reference Range: NEGATIVE

ANA IFA is a first line screen for detecting the presence of up to approximately 150 autoantibodies in various autoimmune diseases. A positive ANA IFA result is suggestive of autoimmune disease and reflexes to titer and pattern. Further laboratory testing may be considered if clinically indicated.

For additional information, please refer to <http://education.QuestDiagnostics.com/faq/FAQ177> (This link is being provided for informational/ educational purposes only.)

▲ ANTINUCLEAR ANTIBODIES TITER AND PATTERN

Analyte	Value
▲ ANA TITER	1:80 H titer

A low level ANA titer may be present in pre-clinical autoimmune diseases and normal individuals.
Reference Range
<1:40 Negative
1:40-1:80 Low Antibody Level
>1:80 Elevated Antibody Level

▲ ANA PATTERN	Nuclear, Speckled
---------------	-------------------

Speckled pattern is associated with mixed connective tissue disease (MCTD), systemic lupus erythematosus (SLE), Sjogren's syndrome, dermatomyositis, and systemic sclerosis/polymyositis overlap.

AC-2,4,5,29: Speckled

International Consensus on ANA Patterns (<https://doi.org/10.1515/cclm-2018-0052>)

▲ TESTOSTERONE, FREE (DIALYSIS) AND TOTAL, MS

Analyte	Value
▲ TESTOSTERONE, TOTAL, MS	58 H Reference Range: 2-45 ng/dL

For additional information, please refer to <https://education.questdiagnostics.com/faq/FAQ165>
(This link is being provided for informational/educational purposes only.)
(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.

TESTOSTERONE, FREE**4.1** Reference Range: 0.1-6.4 pg/mL

(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

Ithiel James L. Frame, MD, PhD

Your request to have a duplicate copy faxed has been acknowledged.

Queued to: 12124521459

ANTIPHOSPHOLIPID ANTIBODY PANEL

Analyte	Value	
COMMENT	SEE NOTE	
For further inquiries regarding specific clinical problems or coagulation laboratory test issues, please call a Quest Diagnostics Customer Support Representative, (800) 553-5445 for referral to the Medical Director of Coagulation.		
B2 GLYCOPROTEIN I (IGG)AB	<2.0	U/mL See Note 1
B2 GLYCOPROTEIN I (IGA)AB	<2.0	U/mL See Note 1
B2 GLYCOPROTEIN I (IGM)AB	<2.0	U/mL See Note 1
PHOSPHATIDYLSERINE/ PROTHROMBIN AB (IGG)	<9	Reference Range: < OR = 30 U
For additional information, please refer to http://education.questdiagnostics.com/faq/FAQ262 (This link is being provided for informational/educational purposes only.)		
PHOSPHATIDYLSERINE/ PROTHROMBIN AB (IGM)	18	Reference Range: < OR = 30 U
For additional information, please refer to http://education.questdiagnostics.com/faq/FAQ262 (This link is being provided for informational/educational purposes only.)		

CARDIOLIPIN AB (IGA,IGG,IGM)

Analyte	Value	
CARDIOLIPIN AB (IGA)	2.2	APL-U/mL
CARDIOLIPIN AB (IGG)	<2.0	GPL-U/mL

CARDIOLIPIN AB (IGM)

6.6 MPL-U/mL

The antiphospholipid antibody syndrome (APS) is a clinical-pathologic correlation that includes a clinical event (e.g. arterial or venous thrombosis, pregnancy morbidity) and persistent positive antiphospholipid antibodies (IgM, IgG Cardiolipin or b2GPI antibodies greater than the 99th percentile; or a lupus anticoagulant). International consensus guidelines for APS suggest waiting at least 12 weeks before retesting to confirm antibody persistence. The Systemic Lupus International Collaborating Clinics immunological classification criteria for systemic lupus erythematosus (SLE) include testing for isotype IgA, which has yet to be incorporated into APS criteria. Low level antiphospholipid antibodies may sometimes be detected in the setting of infection, drug therapy or aging.

For additional information, please refer to <http://education.questdiagnostics.com/faq/FAQ109>
(This link is being provided for informational/educational purposes only.)

Cardiolipin Ab (IgA)

Value	Interpretation
-----	-----
<20.0	Antibody not detected
> or = 20.0	Antibody detected

Cardiolipin Ab (IgG)

Value	Interpretation
-----	-----
<20.0	Antibody not detected
> or = 20.0	Antibody detected

Cardiolipin Ab (IgM)

Value	Interpretation
-----	-----
<20.0	Antibody not detected
> or = 20.0	Antibody detected

THYROGLOBULIN PANEL

Analyte	Value
THYROGLOBULIN ANTIBODIES	<1 Reference Range: < or = 1 IU/mL
THYROGLOBULIN	4.9 ng/mL
Reference Range: Intact Thyroid 2.8-40.9 Athyrotic <0.1	
Note: Abnormal flagging is based on the reference interval for patients with intact thyroid.	

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

COMMENT

For additional information, please refer to <http://education.questdiagnostics.com/faq/FAQ202>
(This link is being provided for informational/educational purposes only.)

LUPUS ANTICOAGULANT EVALUATION WITH REFLEX

Analyte	Value
LUPUS ANTICOAGULANT	Reference Range: NOT DETECTED
A Lupus Anticoagulant is not detected.	
<p>For more information on this test, go to: http://education.questdiagnostics.com/faq/FAQ01v2 (This link is being provided for informational/ educational purposes only.)</p> <p>-----</p> <p>This interpretation is based on the following test results:</p>	
PTT-LA SCREEN	34 Reference Range: < OR = 40 sec
DRVVT SCREEN	41 Reference Range: < OR = 45 sec

HOUSE ACCOUNT TRACKING

Analyte	Value
TRACKING HOUSE ACCOUNT	
<p>We were unable to identify an account number for the order submitted. If you do not have a Quest Diagnostics account number or if your account information needs to be updated please call 1-866-MYQUEST (866-697-8378) for assistance.</p> <p>To prevent delays in testing and processing of your orders please provide the following information for this order and with every additional order submitted: Quest account number and account name Client address Client phone and fax number NPI number of ordering physician along with the physician name.</p>	

HEPATIC FUNCTION PANEL

Analyte	Value
PROTEIN, TOTAL	7.4 Reference Range: 6.1-8.1 g/dL
ALBUMIN	4.6 Reference Range: 3.6-5.1 g/dL
GLOBULIN	2.8 Reference Range: 1.9-3.7 g/dL (calc)
ALBUMIN/GLOBULIN RATIO	1.6 Reference Range: 1.0-2.5 (calc)
BILIRUBIN, TOTAL	0.6 Reference Range: 0.2-1.2 mg/dL
BILIRUBIN, DIRECT	0.1 Reference Range: < OR = 0.2 mg/dL
BILIRUBIN, INDIRECT	0.5 Reference Range: 0.2-1.2 mg/dL (calc)
ALKALINE PHOSPHATASE	66 Reference Range: 31-125 U/L
AST	21 Reference Range: 10-30 U/L
ALT	17 Reference Range: 6-29 U/L

IMMUNOGLOBULIN E

Analyte	Value
IMMUNOGLOBULIN E	27 Reference Range: <OR=114 kU/L

TSH W/REFLEX TO FT4

Analyte	Value
TSH W/REFLEX TO FT4	1.96 mIU/L
Reference Range	
> or = 20 Years 0.40-4.50	
Pregnancy Ranges	
First trimester 0.26-2.66	
Second trimester 0.55-2.73	
Third trimester 0.43-2.91	

THYROID PEROXIDASE ANTIBODIES

Analyte	Value
THYROID PEROXIDASE ANTIBODIES	<1 Reference Range: <9 IU/mL

ACTH, PLASMA

Analyte	Value
ACTH, PLASMA	12 Reference Range: 6-50 pg/mL
Reference range applies only to specimens collected between 7am-10am.	

IGF 1, LC/MS

Analyte	Value
IGF 1, LC/MS	115 Reference Range: 52-328 ng/mL
Z SCORE (FEMALE)	-0.4 Reference Range: -2.0 - +2.0 SD
This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. 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.	

ANTI-MULLERIAN HORMONE (AMH), FEMALE

Analyte	Value
ANTI-MULLERIAN HORMONE (AMH), FEMALE	2.11 Reference Range: 0.01-2.99 ng/mL

C-REACTIVE PROTEIN

Analyte	Value
C-REACTIVE PROTEIN	<3.0 Reference Range: <8.0 mg/L

DHEA, UNCONJUGATED

Analyte	Value
---------	-------

DHEA, UNCONJUGATED

637 ng/dL

Adult Female Reference Ranges

Pre-Menopausal

Mid Follicular: 385-1143 ng/dL
Surge: 345-2030 ng/dL
Mid Luteal: 414-1295 ng/dL

Post-Menopausal 77-851 ng/dL

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. 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.

INTERLEUKIN 6 (IL 6), SERUM

Analyte	Value
INTERLEUKIN 6 (IL 6), SERUM	1.68 Reference Range: <5.00 pg/mL
This test was performed using a kit that has not been cleared or approved by the FDA. The analytical performance characteristics of this test have been determined by Quest Diagnostics Nichols Institute San Juan Capistrano. This test should not be used for diagnosis without confirmation by other medically established means.	

DHEA SULFATE

Analyte	Value
DHEA SULFATE	196 Reference Range: 15-205 mcg/dL

CORTISOL, A.M.

Analyte	Value
CORTISOL, A.M.	21.0 mcg/dL
Reference Range 8 a.m. (7-9 a.m.) Specimen: 4.0-22.0	

SEX HORMONE BINDING GLOBULIN

Analyte	Value
SEX HORMONE BINDING GLOBULIN	111 Reference Range: 17-124 nmol/L

Note 1	Value	Interpretation
	-----	-----
	<20.0	Antibody not detected
	> or = 20.0	Antibody detected

Performing Sites

AMD Quest Diagnostics/Nichols Chantilly-Chantilly VA, 14225 Newbrook Dr, Chantilly, VA 20151-2228 Laboratory Director: Patrick W Mason M.D.,PhD

CB Quest Diagnostics-Wood Dale, 1355 Mittel Blvd, Wood Dale, IL 60191-1024 Laboratory Director: Anthony V Thomas

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

FRE Quest Diagnostics-Springfield RRL, 3231 S National Ave, Basement, Springfield, MO 65807-7304 Laboratory Director: Matthew C Gergen

KS Quest Diagnostics-Lenexa, 10101 Renner Blvd, Lenexa, KS 66219-9752 Laboratory Director: Thuy-Lieu T Vo MD

Z3E MedFusion-MedFusion, 2501 South State Highway 121, Suite 1100, Lewisville, TX 75067-8188 Laboratory Director: Ithiel James L Frame MD,PhD

Key

 Priority Out of Range  Out of Range

These results have been sent to the person who ordered the tests. Your receipt of these results should not be viewed as medical advice and is not meant to replace discussion with your doctor or other healthcare professional.

Quest, Quest Diagnostics, the associated logo, Nichols Institute, Interactive Insights and all associated Quest Diagnostics marks are the registered trademarks of Quest Diagnostics. All third party marks - '@' and '™' - are the property of their respective owners. Privacy policy can be found at: <http://questdiagnostics.com/home/privacy-policy/online-privacy.html>. © 2022 Quest Diagnostics Incorporated. All rights reserved.

