

BAGER,ARWA

DOB: 03/31/1981
Sex: F
Phone: (305) 788-5319
Patient ID: 10513

Age: 41
Fasting: Y

Specimen: MZ058556C
Requisition: 0001102
Lab Reference ID: 34977
Report Status: FINAL / SEE REPORT

Collected: 12/29/2022 09:36
Received: 12/29/2022 09:36
Reported: 01/04/2023 11:53

Client #: 73916914
TOLENTINO,JACLYN
PARSLEY HEALTH LA
8550 SANTA MONICA BLVD FL 2
WEST HOLLYWOOD, CA 90069-4496
Phone: (833) 447-2775

FASTING: YES

▲ ANA SCR, IFA W/REFL TITER/ PATTERN/MPX AB CASCADE

Analyte	Value
▲ ANA SCREEN, IFA	POSITIVE Reference Range: NEGATIVE
<p>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, pattern and the 3 tiered Multiplex 11 Antibody Cascade. Testing in the Cascade stops at the first positive result, and does not preclude additional positive results. Further laboratory testing may be considered if clinically indicated.</p> <p>For additional information, please refer to http://education.QuestDiagnostics.com/faq/FAQ177 (This link is being provided for informational/ educational purposes only.)</p>	

▲ ANTINUCLEAR ANTIBODIES TITER AND PATTERN

Analyte	Value
▲ ANA TITER	1:40 H titer See Note 1
▲ ANA PATTERN	Nuclear, Homogeneous
<p>Homogeneous pattern is associated with systemic lupus erythematosus (SLE), drug-induced lupus and juvenile idiopathic arthritis.</p> <p>AC-1: Homogeneous</p> <p>International Consensus on ANA Patterns (https://doi.org/10.1515/cclm-2018-0052)</p>	
▲ ANA TITER	1:40 H titer See Note 1
▲ ANA PATTERN	Nuclear, Speckled
<p>Speckled pattern is associated with mixed connective tissue disease (MCTD), systemic lupus erythematosus (SLE), Sjogren's syndrome, dermatomyositis, and systemic sclerosis/polymyositis overlap.</p> <p>AC-2,4,5,29: Speckled</p> <p>International Consensus on ANA Patterns (https://doi.org/10.1515/cclm-2018-0052)</p>	

▲ TIER 2

Analyte	Value
SJOGREN'S ANTIBODY (SS-A)	<1.0 NEG Reference Range: <1.0 NEG AI
▲ SJOGREN'S ANTIBODY (SS-B)	1.1 POS Reference Range: <1.0 NEG AI
SCL-70 ANTIBODY	<1.0 NEG Reference Range: <1.0 NEG AI

JO-1 ANTIBODY**<1.0 NEG**

Reference Range: <1.0 NEG AI

ANTIBODY PREVALENCE IN TIER 2

SS-A and SS-B antibodies are present in >80% Sjogren's syndrome and are considered a diagnostic indicator for this autoimmune disease. However, these antibodies are also present in other autoimmune disorders.

SS-A antibodies are seen in 33% to 52% systemic lupus erythematosus (SLE), 42% polymyositis, 23% systemic sclerosis (scleroderma) and 13% mixed connective tissue disease (MCTD).

SS-B antibody is also present in 13% to 27% SLE, 5% systemic sclerosis, <2% polymyositis and <2% MCTD.

Scl-70 antibody is present in 16% systemic sclerosis, 7% MCTD (especially those with features of systemic sclerosis), 2% to 3% SLE, <2% Sjogren's syndrome and <2% polymyositis.

Jo-1 antibody is present in 17% polymyositis, 7% MCTD (especially in those with features of muscle inflammation), and <2% SLE, Sjogren's syndrome and systemic sclerosis.

Tier 2 antibodies are present in <2% of normal blood donors.

The Cascade does not rule out autoimmune disease characterized by other autoantibody specificities such as rheumatoid arthritis, autoimmune hepatitis, primary biliary cirrhosis, autoimmune thyroiditis, Addison's disease, pernicious anemia, autoimmune neuropathies, vasculitis, celiac disease and bullous disease. Please contact your local Quest Diagnostics laboratory if you are interested in additional testing.

INTERPRETATION

Analyte	Value
INTERPRETATION	
This finding suggests Sjogren's syndrome. These antibodies may occasionally be positive early in other connective tissue diseases. A positive result at this stage of testing stops further testing, and does not preclude additional positive antibodies. Clinical correlation is required to assess the need for testing additional analytes.	

TIER 1

Analyte	Value
DNA (DS) ANTIBODY	2 IU/mL
IU/mL	Interpretation
< or = 4	Negative
5-9	Indeterminate
> or = 10	Positive
SM ANTIBODY	<1.0 NEG Reference Range: <1.0 NEG AI
SM/RNP ANTIBODY	<1.0 NEG Reference Range: <1.0 NEG AI
RNP ANTIBODY	<1.0 NEG Reference Range: <1.0 NEG AI
CHROMATIN (NUCLEOSOMAL) ANTIBODY	<1.0 NEG Reference Range: <1.0 NEG AI

VITAMIN D,25-OH,TOTAL,IA

Analyte	Value
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VITAMIN D,25-OH,TOTAL,IA**53** Reference Range: 30-100 ng/mL

Vitamin D Status 25-OH Vitamin D:

Deficiency: <20 ng/mL
Insufficiency: 20 - 29 ng/mL
Optimal: > or = 30 ng/mL

For 25-OH Vitamin D testing on patients on D2-supplementation and patients for whom quantitation of D2 and D3 fractions is required, the QuestAssureD(TM) 25-OH VIT D, (D2,D3), LC/MS/MS is recommended: order code 92888 (patients >2yrs).

COMMENT

See Note 1

Note 1

For additional information, please refer to <http://education.QuestDiagnostics.com/faq/FAQ199> (This link is being provided for informational/ educational purposes only.)

TSH

Analyte	Value
TSH	3.79 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	

T4 (THYROXINE), TOTAL

Analyte	Value
T4 (THYROXINE), TOTAL	10.2 Reference Range: 5.1-11.9 mcg/dL

T4, FREE

Analyte	Value
T4, FREE	1.4 Reference Range: 0.8-1.8 ng/dL

T3, FREE

Analyte	Value
T3, FREE	3.3 Reference Range: 2.3-4.2 pg/mL

T3, TOTAL

Analyte	Value
T3, TOTAL	106 Reference Range: 76-181 ng/dL

T3 REVERSE, LC/MS/MS

Analyte	Value
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T3 REVERSE, LC/MS/MS

17 Reference Range: 8-25 ng/dL

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute Chantilly, VA. It has not been cleared or approved by the U.S. Food and Drug Administration. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

THYROGLOBULIN ANTIBODIES

Analyte	Value
THYROGLOBULIN ANTIBODIES	<1 Reference Range: < or = 1 IU/mL

THYROID PEROXIDASE ANTIBODIES

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

Note 1	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
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Performing Sites

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

MI Quest Diagnostics-Miami, 10200 Commerce Pkwy, Miramar, FL 33025-3938 Laboratory Director: Julie L Friedman, MD

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.

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