PATIENT INFORMATION:

Graham Scanlon

Phone (H): (833) 753-1851
DOB: 05/22/1999
Gender: Male **Age:** 25
Patient ID: 36531480

STATUS: **Final**

Source: Quest
Time Reported: 11/25/2024 11:57 PM UTC
Received: 11/26/2024 12:03 AM UTC
Accession Number: IZ810715B
Lab Ref #: 796437

ORDERING PHYSICIAN:

Joshua A Emdur, D.O.

600 Congress Avenue
Floor 14
Austin, TX, 78701

Test	In Range	Out Of Range	Reference Range	Lab
GGT Collected: 11/18/2024 03:14 PM UTC Received: 11/18/2024 03:18 PM UTC				
GGT	11		3-70 U/L	KS
METHYLMALONIC ACID Collected: 11/18/2024 03:14 PM UTC Received: 11/18/2024 03:18 PM UTC				
METHYLMALONIC ACID	89		55-335 nmol/L	AMD

Serum methylmalonic acid (MMA) levels are used to diagnose and monitor several rare inborn errors of metabolism, including methylmalonic aciduria. The enzymatic conversion of MMA to succinic acid requires vitamin B12 (adenosyl-cobalamin) as a cofactor. Serum MMA levels are also used for assessing functional vitamin B12 deficiency. Vitamin B12 is essential for fetal neurodevelopment, particularly early in pregnancy. Undiagnosed maternal vitamin B12 deficiency may be associated with adverse fetal/neonatal outcomes, such as neural tube defects and intrauterine growth restriction.

Quest Diagnostics utilized Multi-Modal Decomposition (MMD) analysis to establish first and second trimester-specific MMA reference intervals in pregnancy, as given below:
MMA, First trimester (<13 wks gestation): 58-167 nmol/L
MMA, Second trimester (13-23 wks gestation): 63-241 nmol/L

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.

Test	In Range	Out Of Range	Reference Range	Lab
LEPTIN Collected: 11/18/2024 03:14 PM UTC Received: 11/18/2024 03:18 PM UTC				
LEPTIN	1.0		ng/mL	EZ

Reference Ranges for Leptin:

Adult Lean Subjects (18-71 years) with BMI range of 18-25:

Males: 0.3-13.4 ng/mL
Females: 4.7-23.7 ng/mL

Adult Subjects (19-60 years) with BMI range

PATIENT INFORMATION:

Graham Scanlon

Phone (H): (833) 753-1851
DOB: 05/22/1999
Gender: Male **Age:** 25
Patient ID: 36531480

STATUS: **Final**

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Time Reported: 11/25/2024 11:57 PM UTC
Received: 11/26/2024 12:03 AM UTC
Accession Number: IZ810715B
Lab Ref #: 796437

ORDERING PHYSICIAN:

Joshua A Emdur, D.O.

600 Congress Avenue
Floor 14
Austin, TX, 78701

Test	In Range	Out Of Range	Reference Range	Lab

of 25-30:

Males: 1.8-19.9 ng/mL
Females: 8.0-38.9 ng/mL

Pediatric Reference Ranges for Leptin:

5-9.9 years: 0.6-16.8 ng/mL
10-13.9 years: 1.4-16.5 ng/mL
14-17.9 years: 0.6-24.9 ng/mL

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

ANA SCREEN, IFA, W/REFL TITER AND PATTERN Collected: 11/18/2024 03:14 PM UTC Received: 11/18/2024 03:18 PM UTC

ANA SCREEN, IFA	NEGATIVE	NEGATIVE	KS

ANA IFA is a first line screen for detecting the presence of up to approximately 150 autoantibodies in various autoimmune diseases. A negative ANA IFA result suggests an ANA-associated autoimmune disease is not present at this time, but is not definitive. If there is high clinical suspicion for Sjogren's syndrome, testing for anti-SS-A/Ro antibody should be considered. Anti-Jo-1 antibody should be considered for clinically suspected inflammatory myopathies.

AC-0: Negative

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

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

RHEUMATOID FACTOR Collected: 11/18/2024 03:14 PM UTC Received: 11/18/2024 03:18 PM UTC

RHEUMATOID FACTOR	<10	<14 IU/mL	KS

THYROID PEROXIDASE AND THYROGLOBULIN ANTIBODIES Collected: 11/18/2024 03:14 PM UTC Received: 11/18/2024 03:18 PM UTC

THYROGLOBULIN ANTIBODIES	**174**	**H**	< or = 1 IU/mL	CB

PATIENT INFORMATION:

Graham Scanlon

Phone (H): (833) 753-1851
DOB: 05/22/1999
Gender: Male **Age:** 25
Patient ID: 36531480

STATUS: **Final**

Source: Quest
Time Reported: 11/25/2024 11:57 PM UTC
Received: 11/26/2024 12:03 AM UTC
Accession Number: IZ810715B
Lab Ref #: 796437

ORDERING PHYSICIAN:

Joshua A Emdur, D.O.

600 Congress Avenue
Floor 14
Austin, TX, 78701

Test	In Range	Out Of Range	Reference Range	Lab
THYROID PEROXIDASE ANTIBODIES	7		<9 IU/mL	CB
HOMOCYSTEINE Collected: 11/18/2024 03:14 PM UTC Received: 11/18/2024 03:18 PM UTC				
HOMOCYSTEINE		**13.1 H**	<11.4 umol/L	KS
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.				
DHEA SULFATE Collected: 11/18/2024 03:14 PM UTC Received: 11/18/2024 03:18 PM UTC				
DHEA SULFATE	210		74-617 mcg/dL	KS
FSH Collected: 11/18/2024 03:14 PM UTC Received: 11/18/2024 03:18 PM UTC				
FSH	6.5		1.4-12.8 mIU/mL	KS
LH Collected: 11/18/2024 03:14 PM UTC Received: 11/18/2024 03:18 PM UTC				
LH	6.8		1.5-9.3 mIU/mL	KS
PROLACTIN Collected: 11/18/2024 03:14 PM UTC Received: 11/18/2024 03:18 PM UTC				
PROLACTIN	5.5		2.0-18.0 ng/mL	KS
ESTRADIOL Collected: 11/18/2024 03:14 PM UTC Received: 11/18/2024 03:18 PM UTC				
ESTRADIOL	26		< OR = 39 pg/mL	KS
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.				
SEX HORMONE BINDING GLOBULIN Collected: 11/18/2024 03:14 PM UTC Received: 11/18/2024 03:18 PM UTC				
SEX HORMONE BINDING		**56 H**	10-50 nmol/L	KS

PATIENT INFORMATION:

Graham Scanlon

Phone (H): (833) 753-1851
DOB: 05/22/1999
Gender: Male **Age:** 25
Patient ID: 36531480

STATUS: **Final**

Source: Quest
Time Reported: 11/25/2024 11:57 PM UTC
Received: 11/26/2024 12:03 AM UTC
Accession Number: IZ810715B
Lab Ref #: 796437

ORDERING PHYSICIAN:

Joshua A Emdur, D.O.

600 Congress Avenue
Floor 14
Austin, TX, 78701

Test	In Range	Out Of Range	Reference Range	Lab
GLOBULIN				
PSA (FREE AND TOTAL) Collected: 11/18/2024 03:14 PM UTC Received: 11/18/2024 03:18 PM UTC				
PSA, TOTAL	0.5		< OR = 4.0 ng/mL	CB
PSA, FREE	0.2		ng/mL	CB
PSA, % FREE	40		>25 % (calc)	CB

```
PSA(ng/mL)      Free PSA(%)     Estimated(x) Probability
                                     of Cancer(as%)
0-2.5              (*)              Approx. 1
2.6-4.0(1)         0-27(2)                 24(3)
4.1-10(4)          0-10                    56
                   11-15                   28
                   16-20                   20
                   21-25                   16
                   >or =26                  8
>10(+)             N/A                     >50

References:(1)Catalona et al.:Urology 60: 469-474 (2002)
           (2)Catalona et al.:J.Urol 168: 922-925 (2002)
              Free PSA(%)   Sensitivity(%)  Specificity(%)
              < or = 25          85              19
              < or = 30          93               9
           (3)Catalona et al.:JAMA 277: 1452-1455 (1997)
           (4)Catalona et al.:JAMA 279: 1542-1547 (1998)

(x)These estimates vary with age, ethnicity, family
   history and DRE results.
(*)The diagnostic usefulness of % Free PSA has not been
   established in patients with total PSA below 2.6 ng/mL
(+)In men with PSA above 10 ng/mL, prostate cancer risk is
   determined by total PSA alone.

The Total PSA value from this assay system is
standardized against the equimolar PSA standard.
The test result will be approximately 20% higher
when compared to the WHO-standardized Total PSA
(Siemens assay). Comparison of serial PSA results
should be interpreted with this fact in mind.

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

PATIENT INFORMATION:

Graham Scanlon

Phone (H): (833) 753-1851
DOB: 05/22/1999
Gender: Male **Age:** 25
Patient ID: 36531480

STATUS: **Final**

Source: Quest
Time Reported: 11/25/2024 11:57 PM UTC
Received: 11/26/2024 12:03 AM UTC
Accession Number: IZ810715B
Lab Ref #: 796437

ORDERING PHYSICIAN:

Joshua A Emdur, D.O.

600 Congress Avenue
Floor 14
Austin, TX, 78701

Test	In Range	Out Of Range	Reference Range	Lab
AMYLASE Collected: 11/18/2024 03:14 PM UTC Received: 11/18/2024 03:18 PM UTC				
AMYLASE	35		21-101 U/L	KS
LIPASE Collected: 11/18/2024 03:14 PM UTC Received: 11/18/2024 03:18 PM UTC				
LIPASE	32		7-60 U/L	KS
ZINC Collected: 11/18/2024 03:14 PM UTC Received: 11/18/2024 03:18 PM UTC				
ZINC	75		60-130 mcg/dL	CB
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.				
LEAD (VENOUS) Collected: 11/18/2024 03:14 PM UTC Received: 11/18/2024 03:18 PM UTC				
LEAD (VENOUS)	<1.0		<3.5 mcg/dL	CB
See Note 1				
Note 1				
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.				
TESTOSTERONE, FREE (DIALYSIS) AND TOTAL,MS Collected: 11/18/2024 03:14 PM UTC Received: 11/18/2024 03:18 PM UTC				
TESTOSTERONE, TOTAL, MS	812		250-1100 ng/dL	Z3E
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	82.9		35.0-155.0 pg/mL	Z3E
(Note)				
This test was developed and its analytical performance				

PATIENT INFORMATION:

Graham Scanlon

Phone (H): (833) 753-1851
DOB: 05/22/1999
Gender: Male **Age:** 25
Patient ID: 36531480

STATUS: **Final**

Source: Quest
Time Reported: 11/25/2024 11:57 PM UTC
Received: 11/26/2024 12:03 AM UTC
Accession Number: IZ810715B
Lab Ref #: 796437

ORDERING PHYSICIAN:

Joshua A Emdur, D.O.

600 Congress Avenue
Floor 14
Austin, TX, 78701

Test	In Range	Out Of Range	Reference Range	Lab

```
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
```

Enhanced PDF Report IZ810715B-1 Collected: 11/18/2024 03:14 PM UTC Received: 11/18/2024 03:18 PM UTC

Enhanced PDF Report IZ810715B-1 **Enhanced PDF Report IZ810715B-1.pdf [See Appendix 1 for details]**

KS	Quest Diagnostics-Lenexa. 10101 Renner Blvd, Lenexa, KS 66219-9752	Dir: Thuy-Lieu T Vo MD
AMD	Quest Diagnostics/Nichols Chantilly-Chantilly VA. 14225 Newbrook Dr, Chantilly, VA 20151-2228	Dir: Patrick W Mason M.D.,PhD
EZ	Quest Diagnostics/Nichols SJC-San Juan Capistrano,. 33608 Ortega Hwy, San Juan Capistrano, CA 92675-2042	Dir: Irina Maramica MD,PhD,MBA
CB	Quest Diagnostics-Wood Dale. 1355 Mittel Blvd, Wood Dale, IL 60191-1024	Dir: Anthony V Thomas
Z3E	MedFusion-MedFusion. 2501 South State Highway 121, Suite 1100, Lewisville, TX 75067-8188	Dir: Ithiel James L Frame MD,PhD

Range Flags Legend: H - Above high normal;

Quest Diagnostics

Report Status: Final

SCANLON, GRAHAM

Patient Information	Specimen Information	Client Information
SCANLON, GRAHAM **DOB: 05/22/1999 AGE: 25** Gender: M Phone: 833.753.1851 Patient ID: 36531480 Health ID: 8573035735562064	Specimen: IZ810715B Requisition: 0030633 Lab Ref #: 796437 Collected: 11/18/2024 / 09:14 CST Received: 11/19/2024 / 00:31 CST Reported: 11/25/2024 / 17:57 CST	Client #: 73917267 MAIL992 EMDUR, JOSHUA FUNCTION HEALTH INC 600 CONGRESS AVE FL 14 AUSTIN, TX 78701-3263

Test Name	In Range	Out Of Range	Reference Range	Lab
HOMOCYSTEINE		**13.1 H**	<11.4 umol/L	KS

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.

GGT	11		3-70 U/L	KS
AMYLASE	35		21-101 U/L	KS
LIPASE	32		7-60 U/L	KS
THYROID PEROXIDASE AND THYROGLOBULIN ANTIBODIES				
THYROGLOBULIN ANTIBODIES		**174 H**	< or = 1 IU/mL	CB
THYROID PEROXIDASE ANTIBODIES	7		<9 IU/mL	CB
METHYLMALONIC ACID	89		55-335 nmol/L	AMD

Serum methylmalonic acid (MMA) levels are used to diagnose and monitor several rare inborn errors of metabolism, including methylmalonic aciduria. The enzymatic conversion of MMA to succinic acid requires vitamin B12 (adenosyl-cobalamin) as a cofactor. Serum MMA levels are also used for assessing functional vitamin B12 deficiency. Vitamin B12 is essential for fetal neurodevelopment, particularly early in pregnancy. Undiagnosed maternal vitamin B12 deficiency may be associated with adverse fetal/neonatal outcomes, such as neural tube defects and intrauterine growth restriction.

Quest Diagnostics utilized Multi-Modal Decomposition (MMD) analysis to establish first and second trimester-specific MMA reference intervals in pregnancy, as given below:
MMA, First trimester (<13 wks gestation): 58-167 nmol/L
MMA, Second trimester (13-23 wks gestation): 63-241 nmol/L

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.

LEPTIN	1.0		ng/mL	EZ

Reference Ranges for Leptin:

Adult Lean Subjects (18-71 years) with BMI range of 18-25:

Males: 0.3-13.4 ng/mL
Females: 4.7-23.7 ng/mL

Quest Diagnostics

Report Status: Final

SCANLON, GRAHAM

Patient Information	Specimen Information	Client Information
SCANLON, GRAHAM **DOB: 05/22/1999 AGE: 25** Gender: M Patient ID: 36531480 Health ID: 8573035735562064	Specimen: IZ810715B Collected: 11/18/2024 / 09:14 CST Received: 11/19/2024 / 00:31 CST Reported: 11/25/2024 / 17:57 CST	Client #: 73917267 EMDUR, JOSHUA

Test Name	In Range	Out Of Range	Reference Range	Lab
Adult Subjects (19-60 years) with BMI range of 25-30: Males: 1.8-19.9 ng/mL Females: 8.0-38.9 ng/mL Pediatric Reference Ranges for Leptin: 5-9.9 years: 0.6-16.8 ng/mL 10-13.9 years: 1.4-16.5 ng/mL 14-17.9 years: 0.6-24.9 ng/mL This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. 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.				
RHEUMATOID FACTOR	<10		<14 IU/mL	KS
DHEA SULFATE	210		74-617 mcg/dL	KS
FSH	6.5		1.4-12.8 mIU/mL	KS
LH	6.8		1.5-9.3 mIU/mL	KS
PROLACTIN	5.5		2.0-18.0 ng/mL	KS
ESTRADIOL	26		< OR = 39 pg/mL	KS
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.				
SEX HORMONE BINDING GLOBULIN		**56 H**	10-50 nmol/L	KS
PSA (FREE AND TOTAL)				CB
PSA, TOTAL	0.5		< OR = 4.0 ng/mL	
PSA, FREE	0.2		ng/mL	
PSA, % FREE	40		>25 % (calc)	

PSA(ng/mL)	Free PSA(%)	Estimated(x) Probability of Cancer(as%)
0-2.5	(*)	Approx. 1
2.6-4.0(1)	0-27(2)	24(3)
4.1-10(4)	0-10	56
	11-15	28
	16-20	20

Quest Diagnostics

Report Status: Final

SCANLON, GRAHAM

Patient Information	Specimen Information	Client Information
SCANLON, GRAHAM **DOB: 05/22/1999 AGE: 25** Gender: M Patient ID: 36531480 Health ID: 8573035735562064	Specimen: IZ810715B Collected: 11/18/2024 / 09:14 CST Received: 11/19/2024 / 00:31 CST Reported: 11/25/2024 / 17:57 CST	Client #: 73917267 EMDUR, JOSHUA

Test Name	In Range	Out Of Range	Reference Range	Lab
	21-25	16		
	>or =26	8		
>10(+)	N/A	>50		

References:(1)Catalona et al.:Urology 60: 469-474 (2002)
(2)Catalona et al.:J.Urol 168: 922-925 (2002)

Free PSA(%)	Sensitivity(%)	Specificity(%)
< or = 25	85	19
< or = 30	93	9

(3)Catalona et al.:JAMA 277: 1452-1455 (1997)
(4)Catalona et al.:JAMA 279: 1542-1547 (1998)

(x)These estimates vary with age, ethnicity, family history and DRE results.
(*)The diagnostic usefulness of % Free PSA has not been established in patients with total PSA below 2.6 ng/mL
(+)In men with PSA above 10 ng/mL, prostate cancer risk is determined by total PSA alone.

The Total PSA value from this assay system is standardized against the equimolar PSA standard. The test result will be approximately 20% higher when compared to the WHO-standardized Total PSA (Siemens assay). Comparison of serial PSA results should be interpreted with this fact in mind.

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

LEAD (VENOUS)	<1.0		<3.5 mcg/dL	CB
See Endnote 1				
ZINC	75		60-130 mcg/dL	CB

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.

TESTOSTERONE, FREE (DIALYSIS) AND TOTAL,MS				Z3E
TESTOSTERONE, TOTAL, MS	812		250-1100 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

Quest Diagnostics

Report Status: Final

SCANLON, GRAHAM

Patient Information	Specimen Information	Client Information
SCANLON, GRAHAM **DOB: 05/22/1999 AGE: 25** Gender: M Patient ID: 36531480 Health ID: 8573035735562064	Specimen: IZ810715B Collected: 11/18/2024 / 09:14 CST Received: 11/19/2024 / 00:31 CST Reported: 11/25/2024 / 17:57 CST	Client #: 73917267 EMDUR, JOSHUA

Test Name	In Range	Out Of Range	Reference Range	Lab

been validated pursuant to the CLIA regulations and is used for clinical purposes.

TESTOSTERONE, FREE	82.9		35.0-155.0 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

Endnote 1

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.

Quest Diagnostics

Report Status: Final

SCANLON, GRAHAM

Patient Information	Specimen Information	Client Information
SCANLON, GRAHAM **DOB: 05/22/1999 AGE: 25** Gender: M Patient ID: 36531480 Health ID: 8573035735562064	Specimen: IZ810715B Collected: 11/18/2024 / 09:14 CST Received: 11/19/2024 / 00:31 CST Reported: 11/25/2024 / 17:57 CST	Client #: 73917267 EMDUR, JOSHUA

Immunology

Test Name	Result	Reference Range	Lab
ANA SCREEN, IFA, W/REFL TITER AND PATTERN			KS
ANA SCREEN, IFA	NEGATIVE	NEGATIVE	

ANA IFA is a first line screen for detecting the presence of up to approximately 150 autoantibodies in various autoimmune diseases. A negative ANA IFA result suggests an ANA-associated autoimmune disease is not present at this time, but is not definitive. If there is high clinical suspicion for Sjogren's syndrome, testing for anti-SS-A/Ro antibody should be considered. Anti-Jo-1 antibody should be considered for clinically suspected inflammatory myopathies.

AC-0: Negative

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

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

Physician Comments:

PERFORMING SITE:

AMD QUEST DIAGNOSTICS/NICHOLS CHANTILLY, 14225 NEWBROOK DRIVE, CHANTILLY, VA 20151-2228 Laboratory Director: PATRICK W. MASON,MD,PHD, CLIA: 49D0221801
CB QUEST DIAGNOSTICS WOOD DALE, 1355 MITTEL BOULEVARD, WOOD DALE, IL 60191-1024 Laboratory Director: ANTHONY V THOMAS, CLIA: 14D0417052
EZ QUEST DIAGNOSTICS/NICHOLS SJC, 33608 ORTEGA HWY, SAN JUAN CAPISTRANO, CA 92675-2042 Laboratory Director: IRINA MARAMICA,MD,PHD,MBA, CLIA: 05D0643352
KS QUEST DIAGNOSTICS LENEXA, 10101 RENNER BLVD, LENEXA, KS 66219-9752 Laboratory Director: THUY-LIEU VO,MD, CLIA: 17D0648226
Z3E MEDFUSION, 2501 SOUTH STATE HIGHWAY 121 SUITE 1100, LEWISVILLE, TX 75067-8188 Laboratory Director: ITHIEL J FRAME,MD,PHD, CLIA: 45D2004217