MyQuest™

BAGER,ARWA

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

Age: 42
Fasting: Y

Specimen: MZ938634E
Requisition: 0001736
Lab Reference ID: 51847
Report Status: FINAL / SEE REPORT

Collected: 01/17/2024 07:00
Received: 01/17/2024 07:01
Reported: 01/21/2024 20:46

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

FASTING:YES

⚠ HEMOGLOBIN A1c

Analyte	Value	
⚠ HEMOGLOBIN A1c	5.7 H	Reference Range: <5.7 % of total Hgb

For someone without known diabetes, a hemoglobin A1c value between 5.7% and 6.4% is consistent with prediabetes and should be confirmed with a follow-up test.

For someone with known diabetes, a value <7% indicates that their diabetes is well controlled. A1c targets should be individualized based on duration of diabetes, age, comorbid conditions, and other considerations.

This assay result is consistent with an increased risk of diabetes.

Currently, no consensus exists regarding use of hemoglobin A1c for diagnosis of diabetes for children.

COMMENT

HbA1c performed on Roche platform.
Effective 10/16/23 a change in test platforms may have shifted HbA1c results compared to historical results.

⚠ MAGNESIUM, RBC

Analyte	Value	
⚠ MAGNESIUM, RBC	7.0 H	Reference Range: 4.0-6.4 mg/dL

THIS RESULT HAS BEEN VERIFIED BY REPEAT ANALYSIS.

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.

⚠ CBC (INCLUDES DIFF/PLT)

Analyte	Value	
WHITE BLOOD CELL COUNT	10.5	Reference Range: 3.8-10.8 Thousand/uL
RED BLOOD CELL COUNT	4.50	Reference Range: 3.80-5.10 Million/uL
HEMOGLOBIN	12.4	Reference Range: 11.7-15.5 g/dL
HEMATOCRIT	38.9	Reference Range: 35.0-45.0 %
MCV	86.4	Reference Range: 80.0-100.0 fL
MCH	27.6	Reference Range: 27.0-33.0 pg

⚠ MCHC	31.9 L	Reference Range: 32.0-36.0 g/dL
RDW	12.6	Reference Range: 11.0-15.0 %
⚠ PLATELET COUNT	460 H	Reference Range: 140-400 Thousand/uL
MPV	9.3	Reference Range: 7.5-12.5 fL
ABSOLUTE NEUTROPHILS	6279	Reference Range: 1500-7800 cells/uL
ABSOLUTE LYMPHOCYTES	3171	Reference Range: 850-3900 cells/uL
ABSOLUTE MONOCYTES	515	Reference Range: 200-950 cells/uL
ABSOLUTE EOSINOPHILS	462	Reference Range: 15-500 cells/uL
ABSOLUTE BASOPHILS	74	Reference Range: 0-200 cells/uL
NEUTROPHILS	59.8	%
LYMPHOCYTES	30.2	%
MONOCYTES	4.9	%
EOSINOPHILS	4.4	%
BASOPHILS	0.7	%

⚠ VITAMIN B12

Analyte	Value	
⚠ VITAMIN B12	1993 H	Reference Range: 200-1100 pg/mL

COMPREHENSIVE METABOLIC PANEL

Analyte	Value	
GLUCOSE Fasting reference interval	96	Reference Range: 65-99 mg/dL
UREA NITROGEN (BUN)	10	Reference Range: 7-25 mg/dL
CREATININE	0.72	Reference Range: 0.50-0.99 mg/dL
EGFR	107	Reference Range: > OR = 60 mL/min/1.73m2
BUN/CREATININE RATIO Not Reported: BUN and Creatinine are within reference range.	SEE NOTE:	Reference Range: 6-22 (calc)
SODIUM	140	Reference Range: 135-146 mmol/L
POTASSIUM	4.4	Reference Range: 3.5-5.3 mmol/L
CHLORIDE	102	Reference Range: 98-110 mmol/L
CARBON DIOXIDE	26	Reference Range: 20-32 mmol/L
CALCIUM	9.9	Reference Range: 8.6-10.2 mg/dL
PROTEIN, TOTAL	7.0	Reference Range: 6.1-8.1 g/dL
ALBUMIN	4.4	Reference Range: 3.6-5.1 g/dL
GLOBULIN	2.6	Reference Range: 1.9-3.7 g/dL (calc)
ALBUMIN/GLOBULIN RATIO	1.7	Reference Range: 1.0-2.5 (calc)
BILIRUBIN, TOTAL	0.4	Reference Range: 0.2-1.2 mg/dL
ALKALINE PHOSPHATASE	49	Reference Range: 31-125 U/L

AST	14	Reference Range: 10-30 U/L
ALT	11	Reference Range: 6-29 U/L

VITAMIN D,25-OH,TOTAL,IA

Analyte	Value	
VITAMIN D,25-OH,TOTAL,IA	86	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

TSH

Analyte	Value	
TSH	2.94	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, FREE

Analyte	Value	
T4, FREE	1.5	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 REVERSE, LC/MS/MS

Analyte	Value	
T3 REVERSE, LC/MS/MS	22	Reference Range: 8-25 ng/dL See Note 1

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

MERCURY, BLOOD

Analyte	Value	
MERCURY, BLOOD	**<4**	Reference Range: <=10 mcg/L See Note 1

FERRITIN

Analyte	Value	
FERRITIN	**21**	Reference Range: 16-232 ng/mL

FOLATE, RBC

Analyte	Value	
FOLATE, RBC	**669**	Reference Range: >280 ng/mL RBC

INSULIN

Analyte	Value	
INSULIN	**14.3**	uIU/mL

Reference Range < or = 18.4

Risk:
Optimal < or = 18.4
Moderate NA
High >18.4

Adult cardiovascular event risk category cut points (optimal, moderate, high) are based on Insulin Reference Interval studies performed at Quest Diagnostics in 2022.

LEAD (VENOUS)

Analyte	Value	
LEAD (VENOUS)	**<1.0**	Reference Range: <3.5 mcg/dL

See Note 2

Note 1

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

Note 2

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.

OMEGACHECK®

Analyte	Value

EPA+DPA+DHA This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Cardiometabolic Center of Excellence at Cleveland HeartLab. 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. Increasing blood levels of long-chain n-3 fatty acids are associated with a lower risk of sudden cardiac death (1). Based on the top (75th percentile) and bottom (25th percentile) quartiles of the CHL reference population, the following relative risk categories were established for OmegaCheck: A cut-off of >=5.5% by wt defines a population at optimal relative risk, 3.8-5.4% by wt defines a population at moderate relative risk, and <=3.7% by wt defines a population at high relative risk of sudden cardiac death. The totality of the scientific evidence demonstrates that when consumption of fish oils is limited to 3 g/day or less of EPA and DHA, there is no significant risk for increased bleeding time beyond the normal range. A daily dosage of 1 gram of EPA and DHA lowers the circulating triglycerides by about 7-10% within 2 to 3 weeks. (Reference: 1-Albert et al. NEJM. 2002; 346: 1113-1118).	6.0	Reference Range: >5.4 % by wt
ARACHIDONIC ACID/EPA RATIO	6.2	Reference Range: 3.7-40.7
OMEGA-6/OMEGA-3 RATIO	6.6	Reference Range: 3.7-14.4
OMEGA-3 TOTAL	6.0	% by wt
EPA	1.4	Reference Range: 0.2-2.3 % by wt
DPA	1.3	Reference Range: 0.8-1.8 % by wt
DHA	3.3	Reference Range: 1.4-5.1 % by wt
OMEGA-6 TOTAL Cleveland HeartLab measures a number of omega-6 fatty acids with AA and LA being the two most abundant forms reported.	40.2	% by wt
ARACHIDONIC ACID	8.6	Reference Range: 8.6-15.6 % by wt
LINOLEIC ACID	29.2	Reference Range: 18.6-29.5 % by wt

Note 1 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.

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

TP Quest Diagnostics-Tampa, 4225 E Fowler Ave, Tampa, FL 33617-2026 Laboratory Director: Weston H Rothrock MD

Z4M Cleveland HeartLab Inc.-Cleveland HeartLab Inc., 6701 Carnegie Ave, Suite 500, Cleveland, OH 44103-4623 Laboratory Director: Mohammad Q Ansari

Key

Priority Out of Range Out of Range