

# VIBRANT AMERICA DEMO

Name: VIBRANT AMERICA DEMO  
Date of Birth: 01-01-1111  
Gender: Male  
Age: 01  
Height:  
Weight:  
Fasting: UNKNOWN

Telephone: 000-000-0000  
Street Address:  
Email:

FINAL REPORT

Accession ID: 2402056069

## Provider Information

Practice Name: DEMO CLIENT, MD  
Provider Name: DEMO CLIENT, MD  
Phlebotomist: 0

Telephone: 000-000-0000  
Address: 3521 Leonard Ct, Santa Clara, CA 95054

## Report Information

Current Result Previous Result In Control Moderate Risk

## Specimen Information

Sample Type	Collection Time	Received Time	Report	Final Report Date
Serum	2024-02-05 08:30 (PDT)	2024-02-06 12:52 (PDT)		
EDTA	2024-02-05 08:30 (PDT)	2024-02-06 12:52 (PDT)	Vibrant America - P2	2024-02-14 21:58 (PDT)
Plasma	2024-02-05 08:30 (PDT)	2024-02-06 12:52 (PDT)		

Regulation Statement: Tests indicated with an asterisk (\*) were developed by and performance characteristics were determined by Vibrant America. These tests are not FDA-cleared or approved. The performance characteristics were determined and validated by Vibrant America in a manner consistent with CLIA requirements. The laboratory is regulated under CLIA and is CAP certified hence qualified to perform high-complexity testing. This test is used for clinical purposes. It should not be regarded as investigational or for research. Tests indicated with <sup>1</sup> were performed at Vibrant Genomics. Laboratory Director: Dr. Claude O. Burdick, M.D. CLIA: 05D2078809. CLF: 00346278. Vibrant America Clinical Laboratory, 3521 Leonard Ct, Santa Clara, CA 94054. Phone: +1(866)364-0963; Fax: +1(650)508-8260; Email: support@vibrant-america.com.


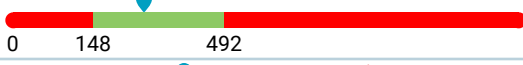
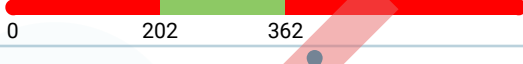




TNP Test not performed



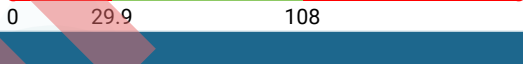
R&L Refer to risks and limitations at the end of report

Notes Refer to Lab notes at the end of the table

## Anemia

Test Name	Current	Previous	Result	Reference
Iron (ug/dL)	131			37.0-145.0
TIBC (µg/dL)	265			149.0-492.0
Transferrin (mg/dL)	208			203.0-362.0
Transferrin Saturation (%)	<b>49</b>			12.0-45.0
UIBC (µg/dL)	134			112.0-347.0

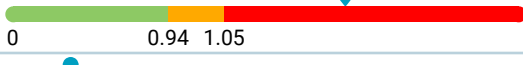


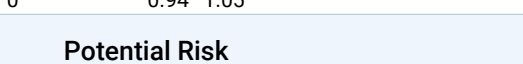
## Nutrition

Test Name	Current	Previous	Result	Reference
Vitamin B12 (pg/mL)	603			232.0-1245.0
Folate (ng/mL)	>20			≥4.6
Vitamin D, 25-OH* (ng/mL)	73.1			30.0-108.0

## Total IgA

Test Name	Current	Previous	Result	Reference
Total IgA (mg/dL)	189			61.0-356.0

## Celiac

Celiac & Gluten Sensitivity	Current	Previous	Result	Reference
Anti-DGP IgA*	<b>1.88</b>			≤0.94
Anti-DGP IgG*	0.31			≤0.94
Anti-tTG IgA*	0.24			≤0.94
Anti-tTG IgG*	0.45			≤0.94

Celiac HLA Genetics	Result	Potential Risk
DQ21*	NEGATIVE	Patient is unlikely to develop celiac disease.
DQ81*	NEGATIVE	Patient is unlikely to develop celiac disease.

## Rheumatoid Arthritis

Test Name	Current	Previous	Result	Reference
hs-CRP (mg/L)	0.3			≤0.9

## Cardiac Health Panel

Apolipoproteins	Current	Previous	Result	Reference
Apo A-1 (mg/dL)	160			≥140.0
Apo B (mg/dL)	93			≤89.0
Apo B: Apo A-1	0.58			≤0.59

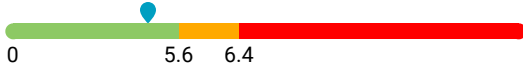


Inflammation	Current	Previous	Result	Reference
Homocysteine (μmol/L)	7			≤9.0
MPO* (pmol/L)	398.0			≤599.9
ox-LDL* (U/L)	47.5			≤60.0
PLAC (nmol/min/mL)	161			≤224.0

LDL Direct	Current	Previous	Result	Reference
LDL Direct (mg/dL)	107			≤99.0


Lipids	Current	Previous	Result	Reference
Cholesterol, Total (mg/dL)	183			≤199.0
HDL Direct (mg/dL)	70			≥66.0
LDL Calculation (mg/dL)	101			≤99.0
Triglyceride (mg/dL)	59			≤149.0

LipoProtein Markers	Current	Previous	Result	Reference
Lp(a) (mg/dL)	37			≤29.0
sdLDL* (mg/dL)	22.3			≤50.0

## Glycemic Control

Test Name	Current	Previous	Result	Reference
Hemoglobin A1c (%)	5.2			≤5.6
Glucose(Diabetes) (mg/dL)	94			70.0-100.0
Glycated Serum Protein (umol/L)	268			≤285.0


## Insulin Resistance

Test Name	Current	Previous	Result	Reference
Adiponectin* (ug/mL)	31.4			
Ferritin (ng/mL)	191			13.0-150.0






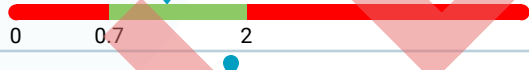
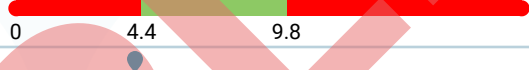

### Adiponectin:

Body Mass Index (BMI)	Male	Female
kg/meters-squared	ug/mL	ug/mL
<25	4.7 - 49.2	8.5 - 56.2
25-30	3.8 - 35.0	6.1 - 47.2
>30	2.2 - 32.6	4.9 - 42.1
Body Mass Index (BMI) = (weight in Kg) / (height in metres) <sup>2</sup>		

## Beta Cell Function

Test Name	Current	Previous	Result	Reference
Insulin (µU/mL)	5.0			2.6-24.9

## Thyroid

Test Name	Current	Previous	Result	Reference
Anti-TG (IU/mL)	14.9			≤115.0
Anti-TPO (IU/mL)	<12			≤34.0
Free T3 (pg/mL)	3.2			2.0-4.4
Free T4 (ng/dL)	1.5			0.9-1.7
Reverse T3* (ng/dL)	11			7.0-23.0
T3 - Triiodothyronine (ng/mL)	1.2			0.8-2.0
T4 - Thyroxine (µg/dL)	8.0			4.5-9.8
TSH (µIU/mL)	2.170			0.111-4.91

## Genetic Markers

Cardiovascular	Result	Potential Risk
Apolipoprotein E1*	ε3/ε3	Patient is less likely to develop alzheimer's disease.

## Risk and Limitations

All tests has been verified and its performance characteristics validated by Vibrant America LLC., a CLIA and CAP certified lab. Clinical history and current symptoms of the individual must be considered by the healthcare provider prior to any interventions. Test results should be used as one component of a healthcare provider's clinical assessment.

Vibrant America has effective procedures in place to protect against technical and operational problems. However, such problems may still occur. Examples include failure to obtain the result for a specific test due to circumstances beyond Vibrant's control. Vibrant may re-test a sample to obtain these results but upon re-testing the results may still not be obtained. As with all medical laboratory testing, there is a small chance that the laboratory could report incorrect results. A tested individual may wish to pursue further testing to verify any results.

Vibrant America makes no claims as to the diagnostic or therapeutic use of its tests or other informational materials. Vibrant America reports and other information do not constitute medical advice and are not a substitute for professional medical advice. Please consult your healthcare practitioner for questions regarding test results, or before beginning any course of medication, supplementation, or dietary changes.

SAMPLE