

| Test Name                      | Results | Reference Range | Units  |
|--------------------------------|---------|-----------------|--------|
| *****OUT OF RANGE SUMMARY***** |         |                 |        |
| MCHC                           | 29.4 L  | 29.5 - 35.5     | g/dL   |
| Alkaline Phosphatase           | 72 L    | 82 - 331        | U/L    |
| HDL Cholesterol                | 40 L    | >60             | mg/dl  |
| FSH                            | <0.3 L  | 1.5 - 12.4      | mIU/ml |
| LH                             | <0.3 L  | 1.7 - 8.6       | mIU/ml |
| Estradiol (E2)                 | 51.0 H  | 11.3 - 43.2     | pg/mL  |
| Testosterone, Total            | 1374 H  | 238 - 1048      | ng/dl  |
|                                |         |                 |        |
| COMPLETE BLOOD COUNT           |         |                 |        |
| White Blood Cell               | 6.1     | 3.9 - 11.4      | K/ul   |
| Red Blood Cell                 | 5.33    | 4.20 - 6.00     | M/ul   |
| Hemoglobin                     | 15.0    | 13.2 - 18.0     | g/dL   |
| Hematocrit                     | 51.1    | 42.0 - 56.0     | %      |
| MCV                            | 96      | 83 - 102        | fL     |
| MCH                            | 28.1    | 26.0 - 34.0     | pg     |
| MCHC                           | 29.4 L  | 29.5 - 35.5     | g/dL   |
| RDW                            | 13.1    | 11.0 - 15.5     | %      |
| Platelet Count                 | 309     | 140 - 400       | k/uL   |
| MPV                            | 11.2    | 7.5 - 11.6      | fL     |
|                                |         |                 |        |
| GENERAL CHEMISTRY              |         |                 |        |
| Glucose                        | 82      | 74 - 109        | mg/dl  |
| BUN                            | 13      |                 | mg/dl  |
| Creatinine, Serum              | 1.1     | 0.7 - 1.2       | mg/dl  |
| BUN/Creat Ratio                | 12      | 7.3 - 21.7      |        |
| Sodium                         | 137     | 136 - 145       | mmol/L |
| Potassium                      | 4.0     | 3.5 - 5.1       | mmol/L |
| Chloride                       | 102     | 98 - 107        | mmol/L |
| CO2                            | 26      | 22 - 29         | mmol/L |
| Calcium                        | 9.3     |                 | mg/dl  |
| Total Protein                  | 6.7     | 6.4 - 8.3       | g/dl   |
| Albumin                        | 4.5     | 3.5 - 5.2       | g/dl   |
| Globulin                       | 2.2     | 2.1 - 3.6       | g/dl   |
| Albumin/Globulin Ratio         | 2.0     | 0.8 - 2.0       |        |
| Bilirubin, Total               | 0.2     | 0 - 1.2         | mg/dl  |
| (Continued on Next Page)       |         |                 |        |

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GENERAL CHEMISTRY (Continued)

|                      |      |          |        |
|----------------------|------|----------|--------|
| Alkaline Phosphatase | 72 L | 82 - 331 | U/L    |
| ALT                  | 15   | 0 - 41   | U/L    |
| AST                  | 19   | 0 - 40   | U/L    |
| GFR, estimated       | UTC  | > 60     | ml/min |

Calculation of estimated GFR is based on the MDRD Study prediction equation

| ****Five Stages of Chronic Kidney Disease****                                                                                              |                   |                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------|
| *Stage*                                                                                                                                    | *GFR Level*       | *Description*                                             |
| Stage 1                                                                                                                                    | 90 ml/min or more | Healthy Kidneys or Kidney damage with normal or high GFR* |
| Stage 2                                                                                                                                    | 60 to 89 ml/min   | Kidney damage and mild decrease in GFR*                   |
| Stage 3                                                                                                                                    | 30 to 59 ml/min   | Moderate decrease in GFR                                  |
| Stage 4                                                                                                                                    | 15 to 29 ml/min   | Severe decrease in GFR                                    |
| Stage 5                                                                                                                                    | < 15 ml/min       | Kidney failure, or on dialysis                            |
| *In the absence of evidence of kidney damage, neither GFR Stage 1 nor Stage 2 fulfill the criteria for CKD (Kidney Int Suppl 2013;3:1-150) |                   |                                                           |

DIABETES EVALUATION

|                                                                                                                                                                                                                               |     |                   |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------|---|
| Hemoglobin A1C                                                                                                                                                                                                                | 5.0 | < 5.7             | % |
| ***Diagnosis***                                                                                                                                                                                                               |     | ***HbA1c Level*** |   |
| Normal                                                                                                                                                                                                                        |     | < 5.7             | % |
| Prediabetes                                                                                                                                                                                                                   |     | 5.7 - 6.4         | % |
| Diabetes                                                                                                                                                                                                                      |     | = or > 6.5        | % |
| Having prediabetes is a Risk Factor for getting type 2 diabetes. Within the prediabetes range(5.7-6.4), the higher the HbA1c,the greater the risk of diabetes. HbA1c target for diabetics depend on their history and health. |     |                   |   |

CORONARY RISK

|                        |      |         |       |
|------------------------|------|---------|-------|
| Triglycerides          | 73   | 0 - 150 | mg/dl |
| Cholesterol, Total     | 146  | 0 - 200 | mg/dl |
| HDL Cholesterol        | 40 L | >60     | mg/dl |
| Chol/HDL Ratio         | 4    | <5.0    |       |
| LDL Cholesterol, Calc. | 92   | <100    | mg/dl |

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| Test Name | Results | Reference Range | Units |
|-----------|---------|-----------------|-------|
|-----------|---------|-----------------|-------|

**THYROID TESTING**

TSH

2.120

0.27 - 4.2

uIU/ml

**TUMOR MARKERS**

PSA, Free

0.593

ng/mL

%FREE PSA will be calculated if TOTAL PSA falls between 2.0-10.0 ng/ml,  
 N/A will be printed instead, if TOTAL PSA falls outside the above range.

PSA, Total

0.842

0 - 4

ng/ml

The above test is performed by Roche diagnostics ECLIA methodology. Patient  
 results performed by different assay methods may not be comparable.

% Free PSA

N/A

%

Based on % Free PSA: the percent probability of finding prostate  
 cancer on a needle biopsy by age in years:

| % Free PSA | 50-59 years | 60-69 years | = or > 70 years |
|------------|-------------|-------------|-----------------|
| < or = 10  | 49.2%       | 57.5%       | 64.5%           |
| 11 - 18    | 26.9%       | 33.9%       | 40.8%           |
| 19 - 25    | 18.3%       | 23.9%       | 29.7%           |
| = or > 25  | 9.1%        | 12.2%       | 15.8%           |

**ENDOCRINE EVALUATION**

FSH

<0.3 L

1.5 - 12.4

mIU/ml

LH

<0.3 L

1.7 - 8.6

mIU/ml

Estradiol (E2)

51.0 H

11.3 - 43.2

pg/mL

DHEA-Sulfate

243.0

70.2 - 492

ug/dl

Testosterone, Total

1374 H

238 - 1048

ng/dl

Sex Hormone Bind Globulin

17

nmol/L

Testosterone, Free

44.2

ng/dl

IGF-1

280

125 - 450

ng/mL

\_\_\_\_\_END OF REPORT\_\_\_\_\_