



Alcala Testing & Analysis Services
 3703 Camino Del Rio South 100-A
 San Diego, CA 92108
Phone: (619)450-5870 Fax: (619)450-6023
Director: Dr. David J. Smith, MD

APPROVAL REQUIRED

| | | | | | |
|-----------------|---------------------------|---------|---------------|------------------|-------------------|
| Patient: | BLOOD, TEST REPORT | | Acc #: | 43580 | |
| Patient #: | 1-41337 | Birth: | 2/1/1957 | Fasting: | YES |
| Doctor: | Doctor, Test | Age: | 59 years | Collection Date: | 1/24/2017 5:30 PM |
| | | Gender: | Female | Received in Lab: | 1/25/2017 5:31 PM |

| Test Name | Result | Units | Flag | Reference Range |
|--------------------------|--------|---------|------|--|
| [A] CBC PANEL | | | | <i>Run by: CT on 5/18/2017 2:03 PM</i> |
| Prothrombin INR (PT-INR) | 1.10 | INR | | 0.90 - 1.20 |
| WBC | 5.0 | 10e3/uL | | 4.1 - 10.9 |
| LYM | 4.0 | 10e3/uL | | 0.6 - 4.1 |
| MID | 1.5 | 10e3/uL | | 0.0 - 1.8 |
| GRA | 5.0 | 10e3/uL | | 2.0 - 7.8 |
| LYM% | 50.0 | % | | 10.0 - 58.5 |
| MID% | 5.0 | % | | 0.1 - 24.0 |
| RBC | 5.00 | 10e6/uL | | 4.20 - 6.30 |
| HGB | 15.0 | g/dL | | 12.0 - 18.0 |
| HCT | 40.0 | % | | 37.0 - 51.0 |
| MCV | 85.0 | fL | | 80.0 - 97.0 |
| MCH | 30.0 | pg | | 26.0 - 32.0 |
| MCHC | 33.0 | g/dL | | 31.0 - 36.0 |
| RDW | 14.0 | % | | 11.5 - 14.5 |
| PLT | 150 | 10e3/uL | | 140 - 440 |
| MPV | 5.0 | fL | | 0.0 - 49.9 |
| GRA% | 90.0 | % | | 37.0 - 92.0 |



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| [A] FEMALE WELLNESS SUBPANEL - BLOOD | | | | Run by: CT on 4/18/2018 11:01 AM |
| <i>**Preliminary Results** Manager Approval Required</i> | | | | |
| Amylase | 100 | U/L | | 25 - 125 |
| Apolipoprotein B | 180.00 | mg/dL | | 53.00 - 182.00 |
| Bilirubin (Direct) | 0.400 | mg/dL | | 0.010 - 0.500 |
| C-Peptide | 5.0 | ng/mL | | 0.8 - 5.2 |
| Complement C4 | 50 | mg/dL | | 15 - 57 |
| C-reactive protein (CRP) | 0.550 | mg/dL | HIGH | 0.020 - 0.500 |
| Cholesterol (Total) | 210.0 | mg/dL | | 199.0 - 240.0 |
| Triglycerides | 150.0 | mg/dL | | 1.0 - 200.0 |
| HDL Ultra (High-density Lipoprotein) | 50.0 | mg/dL | | 40.0 - 60.0 |
| Direct LDL(DLDL) | 140.0 | mg/dL | | 80.0 - 190.0 |
| Estradiol | 640.00 | pg/mL | | 10.00 - 649.00 |
| Progesterone | 5.0 | ng/mL | HIGH | 0.0 - 0.2 |
| Lactate Dehydrogenase (LDH) | 230.0 | U/L | | 125.0 - 243.0 |
| Lipoprotein (a) | 5.0 | mg/dL | | 1.0 - 30.0 |
| Lithium | 1.00 | mmol/L | | 1.00 - 1.20 |
| Iron | 150.0 | ug/dL | | 50.0 - 170.0 |
| Insulin | 80.0 | uU/mL | | 1.0 - 300.0 |
| Homocysteine | 16.0 | umol/L | HIGH | 4.4 - 13.6 |
| HbA1c_IA | <4.0% | % | | 0.2 - 4.5 |
| *** 5.7-6.4% = Diabetes risk. >6.5% = Diabetes (ADA recommendations). This HbA1c assay is suitable for monitoring purposes, please request the more sensitive HbA1c chemistry-assay suitable for routine monitoring and the diagnosis of Diabetes if required. | | | | |
| Ferritin | 100.00 | ng/mL | | 20.00 - 200.00 |
| Folate | 5.0 | ng/mL | LOW | 7.0 - 31.4 |
| Free Triiodothyronine (FT3) | 4.0 | pg/mL | | 1.7 - 4.2 |
| Total Triiodothyronine (TT3) | 1.0 | ng/mL | | 0.8 - 2.0 |
| Free Thyroxine (FT4) | 1.0 | ng/dL | | 0.7 - 1.5 |
| Total Thyroxine (TT4) | 5.0 | ug/dL | | 4.5 - 12.5 |
| Thyroid Stimulating Hormone (TSH) | 5.0000 | uIU/mL | | 0.5000 - 8.9000 |
| T-Uptake | 30.0 | % | | 20.0 - 37.0 |
| Parathyroid Hormone (PTH) | 70.0 | pg/mL | | 8.7 - 77.1 |
| Transferrin | 199.0 | mg/dL | | 180.0 - 382.0 |
| Total Iron Binding Capacity (TIBC) | 248.75 | ug/dL | | 225.00 - 478.00 |
| Transferrin Saturation (%) | 60.3 | % | HIGH | 15.0 - 50.0 |
| Rheumatoid Factor (RF) | <15.0 | IU/mL | | 0.1 - 30.0 |
| Vitamin B12 | 1050.0 | pg/mL | HIGH | 200.0 - 915.0 |
| Vitamin D3 | 60.0 | ng/mL | HIGH | 13.0 - 50.0 |



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| [A] COMPLETE METABOLIC PANEL | | | | |
| Albumin BCP | 5.0 | g/dL | | 3.5 - 6.0 |
| Calculated Globulin (CG) | 2.0 | g/dL | | 1.9 - 3.7 |
| A/G Ratio | 2.5 | | | 1.0 - 2.5 |
| Alkaline Phosphatase | 120.0 | U/L | | 55.0 - 135.0 |
| Alanine Aminotransferase (ALT) | <6 | U/L | | 1.0 - 55.0 |
| Aspartate Aminotransferase (AST) | 5.0 | U/L | | 5.0 - 34.0 |
| Bilirubin (Total) | 1.100 | mg/dL | | 0.200 - 1.200 |
| Calcium | 10.00 | mg/dL | | 8.40 - 10.20 |
| Chloride | 105.0 | mmol/L | | 98.0 - 107.0 |
| Potassium | 5.0 | mmol/L | | 3.5 - 5.1 |
| Sodium | 140.0 | mmol/L | | 136.0 - 145.0 |
| Creatinine | 1.35 | mg/dL | HIGH | 0.60 - 1.10 |
| Carbon Dioxide (CO2) | 21.0 | mEq/L | LOW | 22.0 - 29.0 |
| Glucose | 75.0 | mg/dL | | 70.0 - 105.0 |
| Total Protein | 7.00 | g/dL | | 6.00 - 8.00 |
| Urea (BUN) - Blood Urea Nitrogen | 15.0 | mg/dL | | 9.8 - 20.1 |



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| [A] eGFR calculated (Female) - 2009 CKD-EPI creatinine equation | | | | <i>Run by: CT on 5/18/2017 2:03 PM</i> |
| eGFR calculated (Female) | 43 | (mL/min/1.73m2) | LOW | 60 - 120 |
| AA eGFR calculated (Female) | 50 | (mL/min/1.73m2) | LOW | 60 - 120 |
| BUN/Creatinine Ratio (BCR) | 11 | | | 6 - 22 |

Reviewed By: _____

Date: _____