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|---------------------------|------------------|----------------------------|------------------|
| Final Report Date: | 12-10-2019 16:46 | Specimen Collected: | 11-30-2015 |
| Accession ID: | 1512010000 | Specimen Received: | 12-01-2015 00:00 |

| LAST NAME | FIRST NAME | GENDER | DATE OF BIRTH | ACCESSION ID | DATE OF SERVICE |
|-----------|------------|--------|---------------|--------------|-----------------|
| TESTNAME | PATIENT | MALE | 1997-06-22 | 1512010000 | 11-30-2015 |

PATIENT

Name: PATIENT TESTNAME
Date of Birth: 1997-06-22
Gender: Male
Age: 22

Fasting: FASTING No. of hours: 12.0

PROVIDER

Practice Name: Vibrant IT4 Practice
Provider Name: Vibrant IT4, MD (999999)
Street Address: 999999 PRACTICE STREET AVE
City: SAN CARLOS
State: CA
Zip #: 94404
Telephone #: 666-666-6662
Fax #: 111-222-0000

For doctor's reference

| | | | | | |
|-----------|------------|--------|---------------|--------------|-----------------|
| LAST NAME | FIRST NAME | GENDER | DATE OF BIRTH | ACCESSION ID | DATE OF SERVICE |
| TESTNAME | PATIENT | MALE | 1997-06-22 | 1512010000 | 11-30-2015 |

Heavy Metals (Creatinine)

| Test name | In Control | High Risk | In Control Range | High Risk Range | Previous (08/20/2015) |
|--------------------------|------------|-----------|------------------|-----------------|-----------------------|
| Urine Creatinine (mg/dL) | 1 | | 1~2 | ≤0 ≥3 | 1 |
| Aluminum (ug/g creat) | | 62 | ≤54 | ≥55 | <3 |
| Antimony (ug/g creat) | 0.19 | | ≤0.78 | ≥0.79 | 1.04 |
| Arsenic (ug/g creat) | 1 | | ≤116 | ≥117 | 1 |
| Barium (ug/g creat) | <1.0 | | ≤6.9 | ≥7.0 | 1.3 |
| Beryllium (ug/g creat) | 0.8 | | ≤0.9 | ≥1.0 | 1.4 |
| Bismuth (ug/g creat) | 0.1 | | ≤14.9 | ≥15.0 | 0.5 |
| Cadmium (ug/g creat) | | 1.9 | ≤1.5 | ≥1.6 | 1.2 |
| Cesium (ug/g creat) | 1.2 | | ≤9.9 | ≥10.0 | 0.5 |
| Gadolinium (ug/g creat) | 0.28 | | ≤0.39 | ≥0.40 | 1.19 |
| Lead (ug/g creat) | 0.4 | | ≤4.4 | ≥4.5 | 1.8 |
| Mercury (ug/g creat) | 2.0 | | ≤3.9 | ≥4.0 | 2.0 |
| Nickel (ug/g creat) | 1.8 | | ≤11.9 | ≥12.0 | 0.2 |
| Palladium (ug/g creat) | 0.1 | | ≤0.2 | ≥0.3 | 0.5 |
| Platinum (ug/g creat) | 0.90 | | ≤0.99 | ≥1.00 | 1.03 |
| Tellurium (ug/g creat) | 0.63 | | ≤0.79 | ≥0.80 | 0.08 |
| Thallium (ug/g creat) | 0.6 | | ≤0.8 | ≥0.9 | 0.4 |
| Thorium (ug/g creat) | 0.4 | | ≤0.5 | ≥0.6 | 0.5 |
| Tin (ug/g creat) | 1.8 | | ≤9.9 | ≥10.0 | 1.8 |
| Tungsten (ug/g creat) | 0.41 | | ≤0.99 | ≥1.00 | 1.17 |
| Uranium (ug/g creat) | 0.10 | | ≤0.13 | ≥0.14 | 0.09 |

Specimen Information

Provoking Status: PROVOKING

Urine Volume: 1.50 L

Agent: Test

Dosage: 5.0 mg

Estimated: ESTIMATED

* Reference intervals are representative of a healthy population under non-provoked conditions. Chelation (provocation) agents can increase urinary excretion of metals/elements.