

07/25/2015



1701 CENTURY CENTER COVE
MEMPHIS TN 38134
1-800-423-0504
Medical Laboratory Director:
Michael F. Bugg, MD
(901)405-8200

Order Status: **Final**

ACCOUNT NUMBER ALTNF	ACCESSION # 21209178	ROOM #
PATIENT NAME HELTON, JOSH		
PATIENT ID # 6154287060	D.O.B. 06/09/1990	AGE 25 Years
		GENDER Male
PATIENT PHONE # N/A	CHART #	
REFERRING PHYSICIAN HUESMANN, LOUIS		
CLIENT REF. # ALTNF3483	COLLECTED 07/24/2015 10:15	
RECEIVED 07/24/2015 21:49	REPORTED 07/25/2015 06:51	

**WELLCARE OF MIDDLE TN DBA ANY LAB TEST NOW-
 FRANKLIN
 1745 GALLERIA BLVD #1050
 FRANKLIN TN 37067
 615-778-9025**

Patient Address:

Clinical Info:

COMPLETE BLOOD COUNT W/DIFF; COMPREHENSIVE METABOLIC PANEL; LIPID PROFILE; PROSTATE SPECIFIC ANTIGEN (PSA); DHEA-SULFATE; THYROID STIMULATING HORMONE; URINALYSIS W/MICROSCOPIC; FREE AND TOTAL TESTOSTERONE

	Result	Reference Range
CBCI COMPLETE BLOOD COUNT W/ DIFF		
COMPLETE BLOOD COUNT		
WHITE BLOOD CELL COUNT	9.2	4.0-11.0 K/uL
RED BLOOD CELL COUNT	5.00	4.3-5.7 M/uL
HEMOGLOBIN	14.4	13.0-17.5 g/dL
HEMATOCRIT	43.7	39-55 %
MCV	87.4	78-102 fL
MCH	28.8	25-35 pg
MCHC	33.0	30-38 %
RBC DISTRIBUTION WIDTH	13.3	11.5-16.0 %
PLATELET COUNT		
PLATELET COUNT	234	150-450 K/uL
DIFFERENTIAL		
NEUTROPHILS	75.8 H	50-70 %
LYMPHOCYTES	17.1 L	20-40 %
MONOCYTES	6.3	3-14 %
EOSINOPHILS	0.5 L	1-5 %
BASOPHILS	0.3	0-3 %
ABS NEUTROPHILS	7.0	1.8-7.0 K/uL
ABS LYMPHOCYTES	1.6	1.0-4.0 K/uL
ABS MONOCYTES	0.6	0.1-1.1 K/uL
ABS BASOPHILS	0.0	0-0.3 K/uL
ABS EOSINOPHILS	0.1	0.05-0.50 K/uL
COMPREHENSIVE METABOLIC PANEL		
CHEMISTRY		
SODIUM	141	135-145 mEq/L
POTASSIUM	4.5	3.5-5.3 mEq/L
CHLORIDE	105	98-107 mEq/L
CARBON DIOXIDE	26	21-31 mEq/L
UREA NITROGEN	19	7-25 mg/dl
CREATININE	1.00	0.8-1.4 mg/dL
GLUCOSE	71	65-100 mg/dl
CALCIUM TOTAL	9.8	8.7-10.5 mg/dl
TOTAL PROTEIN	7.2	6.4-8.3 g/dl
ALBUMIN	4.7	3.5-5.2 g/dl
SGOT (AST)	225 H	13-40 U/L
SGPT (ALT)	107 H	7-52 U/L
ALKALINE PHOSPHATASE	72	34-115 U/L



1701 CENTURY CENTER COVE
MEMPHIS TN 38134
1-800-423-0504
Medical Laboratory Director:
Michael F. Bugg, MD
(901)405-8200

Order Status: **Final**

WELLCARE OF MIDDLE TN DBA ANY LAB TEST NOW-FRANKLIN
1745 GALLERIA BLVD #1050
FRANKLIN TN 37067
615-778-9025
Patient Address:
Clinical Info:

ACCOUNT NUMBER ALTNF	ACCESSION # 21209178
PATIENT NAME HELTON, JOSH	ROOM #
PATIENT ID # D.O.B. 6154287060 06/09/1990	AGE GENDER 25 Years Male
PATIENT PHONE # N/A	CHART #
REFERRING PHYSICIAN HUESMANN, LOUIS	
CLIENT REF. # ALTNF3483	COLLECTED 07/24/2015 10:15
RECEIVED 07/24/2015 21:49	REPORTED 07/25/2015 06:51

COMPLETE BLOOD COUNT W/DIFF; COMPREHENSIVE METABOLIC PANEL; LIPID PROFILE; PROSTATE SPECIFIC ANTIGEN (PSA); DHEA-SULFATE; THYROID STIMULATING HORMONE; URINALYSIS W/MICROSCOPIC; FREE AND TOTAL TESTOSTERONE

	Result	Reference Range
CBCI COMPLETE BLOOD COUNT W/ DIFF		
COMPLETE BLOOD COUNT		
WHITE BLOOD CELL COUNT	9.2	4.0-11.0 K/uL
RED BLOOD CELL COUNT	5.00	4.3-5.7 M/uL
HEMOGLOBIN	14.4	13.0-17.5 g/dL
HEMATOCRIT	43.7	39-55 %
MCV	87.4	78-102 fL
MCH	28.8	25-35 pg
MCHC	33.0	30-38 %
RBC DISTRIBUTION WIDTH	13.3	11.5-16.0 %
PLATELET COUNT		
PLATELET COUNT	234	150-450 K/uL
DIFFERENTIAL		
NEUTROPHILS	75.8 H	50-70 %
LYMPHOCYTES	17.1 L	20-40 %
MONOCYTES	6.3	3-14 %
EOSINOPHILS	0.5 L	1-5 %
BASOPHILS	0.3	0-3 %
ABS NEUTROPHILS	7.0	1.8-7.0 K/uL
ABS LYMPHOCYTES	1.6	1.0-4.0 K/uL
ABS MONOCYTES	0.6	0.1-1.1 K/uL
ABS BASOPHILS	0.0	0-0.3 K/uL
ABS EOSINOPHILS	0.1	0.05-0.50 K/uL
COMPREHENSIVE METABOLIC PANEL		
CHEMISTRY		
SODIUM	141	135-145 mEq/L
POTASSIUM	4.5	3.5-5.3 mEq/L
CHLORIDE	105	98-107 mEq/L
CARBON DIOXIDE	26	21-31 mEq/L
UREA NITROGEN	19	7-25 mg/dl
CREATININE	1.00	0.8-1.4 mg/dL
GLUCOSE	71	65-100 mg/dl
CALCIUM TOTAL	9.8	8.7-10.5 mg/dl
TOTAL PROTEIN	7.2	6.4-8.3 g/dl
ALBUMIN	4.7	3.5-5.2 g/dl
SGOT (AST)	225 H	13-40 U/L
SGPT (ALT)	107 H	7-52 U/L
ALKALINE PHOSPHATASE	72	34-115 U/L



**1701 CENTURY CENTER COVE
MEMPHIS TN 38134
1-800-423-0504**

AMERICAN ESOTERIC LABORATORIES

**Medical Laboratory Director:
Michael F. Bugg, MD
(901)405-8200**

Order Status: Final

ACCOUNT NUMBER ALTNF	ACCESSION # 21209178
PATIENT NAME HELTON, JOSH	ROOM #
PATIENT ID # D.O.B. 6154287060 06/09/1990	AGE 25 Years
	GENDER Male
PATIENT PHONE # N/A	CHART #
REFERRING PHYSICIAN HUESMANN, LOUIS	
CLIENT REF. # ALTNF3483	COLLECTED 07/24/2015 10:15
RECEIVED 07/24/2015 21:49	REPORTED 07/25/2015 06:51

**WELLCARE OF MIDDLE TN DBA ANY LAB TEST NOW-
FRANKLIN
1745 GALLERIA BLVD #1050
FRANKLIN TN 37067
615-778-9025**

Patient Address:

Clinical Info:

COMPLETE BLOOD COUNT W/DIFF; COMPREHENSIVE METABOLIC PANEL; LIPID PROFILE; PROSTATE SPECIFIC ANTIGEN (PSA); DHEA-SULFATE; THYROID STIMULATING HORMONE; URINALYSIS W/MICROSCOPIC; FREE AND TOTAL TESTOSTERONE

	Result	Reference Range
TOTAL BILIRUBIN	0.7	0.3-1.2 mg/dl mg/dL
DHEA-SULFATE		
DHES (DHEA-SULFATE)		
RESULT:	147	80-560 ug/dL
TANNER STAGE 1	8-87 ug/dL	
TANNER STAGE 2-3	20-151 ug/dL	
TANNER STAGE 4	75-282 ug/dL	
TANNER STAGE 5	121-368 ug/dL	
FREE AND TOTAL TESTOSTERONE		
TESTOSTERONE	493	280-1070 ng/dL
SEX HORMONE BIND. GLOB	36	13-71 nmol/L
FREE TESTOSTERONE (CALC)	98	47-244 pg/mL
% FREE TESTOSTERONE (CALC)	2.0	1.6-2.9 %
LIPID PROFILE		
TRIGLYCERIDES	55	< 150 mg/dl
CHOLESTEROL	176	< 200 mg/dl
HDL CHOLESTEROL	70	>/= 40 mg/dl
LDL CHOLESTEROL	95	
< 100 mg/dL (OPTIMAL)		
< 130 mg/dL (NEAR OPTIMAL/ABOVE OPTIMAL)		
NON-HDL CHOLESTEROL	106	
< 130 mg/dL (OPTIMAL)		
< 160 mg/dL (NEAR OPTIMAL/ABOVE OPTIMAL)		
CORONARY RISK RATIO	2.51	
AVERAGE CORONARY RISK RATIO FOR MALES:	4.97	
<p>NOTE: NON-HDL CHOLESTEROL IS A BETTER INDICATOR FOR CARDIOVASCULAR RISK THAN LDL-CHOLESTEROL FOR PATIENTS WHO HAVE INCREASED TRIGLYCERIDES OR ARE NON-FASTING.</p>		
PROSTATE SPECIFIC ANTIGEN (PSA)		
PROSTATE SPECIFIC ANTIGEN		
RESULT:	1.0	0-4 ng/ml
THYROID STIMULATING HORMONE		



AEL

**1701 CENTURY CENTER COVE
MEMPHIS TN 38134
1-800-423-0504**

AMERICAN ESOTERIC LABORATORIES

**Medical Laboratory Director:
Michael F. Bugg, MD
(901)405-8200**

Order Status: Final

ACCOUNT NUMBER ALTNF		ACCESSION # 21209178	
PATIENT NAME HELTON, JOSH		ROOM #	
PATIENT ID #	D.O.B.	AGE	GENDER
6154287060	06/09/1990	25 Years	Male
PATIENT PHONE # N/A		CHART #	
REFERRING PHYSICIAN HUESMANN, LOUIS			
CLIENT REF. # ALTNF3483		COLLECTED 07/24/2015 10:15	
RECEIVED 07/24/2015 21:49		REPORTED 07/25/2015 06:51	

**WELLCARE OF MIDDLE TN DBA ANY LAB TEST NOW-
FRANKLIN
1745 GALLERIA BLVD #1050
FRANKLIN TN 37067
615-778-9025**

Patient Address:

Clinical Info:

COMPLETE BLOOD COUNT W/DIFF; COMPREHENSIVE METABOLIC PANEL; LIPID PROFILE; PROSTATE SPECIFIC ANTIGEN (PSA); DHEA-SULFATE; THYROID STIMULATING HORMONE; URINALYSIS W/MICROSCOPIC; FREE AND TOTAL TESTOSTERONE

	Result	Reference Range
TSH	0.765	0.350-5.500 uIU/mL
URINALYSIS W/MICROSCOPIC		
URINALYSIS		
URINE COLOR	YELLOW	
URINE CLARITY	SLIGHTLY-CLOUDY	
GLUCOSE	NEGATIVE	NEGATIVE
BILIRUBIN	NEGATIVE	NEGATIVE
KETONES, URINE:	NEGATIVE	NEGATIVE
SPECIFIC GRAVITY	1.024	1.005-1.030
BLOOD	NEGATIVE	NEGATIVE
PH, URINE	6.0	4.6-8.5
PROTEIN		1+ *
NITRITES	NEGATIVE	NEGATIVE
LEUKOCYTE ESTERASE	NEGATIVE	NEGATIVE
MICROSCOPIC, URINE		NEGATIVE
WBC	<1	
RBC	0	0-2 CELLS/HPF
BACTERIA	0	0-4 CELLS/HPF
SQUAMOUS EPITHELIAL CELL	0	0
HYALINE CAST	21	
MUCOUS	1+	