

Johnson, Tyson, 46 Y, M, 07/11/1978

979-324-3393

Vistra - Kosse Mine

4731 TX-7, Kosse, TX 76653

979-232-5025

FINAL RESULT

Accession ID: 03227402230	Ref ID: 170L1P91832
Order Date: 01/29/2025	Received: 02/07/2025 02:36:08
Collection Date: 01/29/2025 00:00:00	Report: 02/07/2025 03:06:00
Requesting Physician: Bowers, Jeremy	Ordering Physician: Bowers, Jeremy

T4, Free

NAME	VALUE	REFERENCE RANGE	LAB
F T4,Free(Direct)	1.20	0.82-1.77 (ng/dL)	DA
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Urinalysis, Complete (003772)

NAME	VALUE	REFERENCE RANGE	LAB
F Specific Gravity	1.008	1.005-1.030	DA
F pH	7.5	5.0-7.5	DA
F Urine-Color	Yellow	Yellow	DA
F Appearance	Clear	Clear	DA
F WBC Esterase	Negative	Negative	DA
F Protein	Negative	Negative/Trace	DA
F Glucose	Negative	Negative	DA
F Ketones	Negative	Negative	DA
F Occult Blood	Negative	Negative	DA
F Bilirubin	Negative	Negative	DA

NAME	VALUE	REFERENCE RANGE	LAB
F Urobilinogen,Semi-Qn	0.2	0.2-1.0 (mg/dL)	DA
F Nitrite, Urine	Negative	Negative	DA
F Microscopic Examination			DA
Microscopic follows if indicated.			
F Microscopic Examination	See below:		DA
Microscopic was indicated and was performed.			
F WBC	None seen	0 - 5 (/hpf)	DA
F RBC	None seen	0 - 2 (/hpf)	DA
F Epithelial Cells (non renal)	None seen	0 - 10 (/hpf)	DA
Epithelial Cells (renal)			DA
F Casts	None seen	None seen (/lpf)	DA
Cast Type			DA
Crystals			DA
Crystal Type			DA
F Mucus Threads	0	Not Estab.	DA
F Bacteria	None seen	None seen/Few	DA
Yeast			DA
Trichomonas			DA
F Comment	0		DA

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Magnesium, Serum (001537)

NAME	VALUE	REFERENCE RANGE	LAB
F Magnesium	2.1	1.6-2.3 (mg/dL)	DA
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Testosterone, Free and Total (140103)

NAME	VALUE	REFERENCE RANGE	LAB
F Testosterone	776	264-916 (ng/dL)	DA
Adult male reference interval is based on a population of			
healthy nonobese males (BMI <30) between 19 and 39 years old.			
Travison, et.al. JCEM 2017,102;1161-1173. PMID: 28324103.			
F Free Testosterone(Direct)	26.6 H	6.8-21.5 (pg/mL)	BN
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Estradiol, Sensitive (140244)

NAME	VALUE	REFERENCE RANGE	LAB
F Estradiol, Sensitive	59.5 H	8.0-35.0 (pg/mL)	BN

Methodology: Liquid chromatography tandem mass spectrometry(LC/MS/MS)

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Sex Horm Binding Glob, Serum (082016)

NAME	VALUE	REFERENCE RANGE	LAB
F Sex Horm Binding Glob, Serum	16.2 L	16.5-55.9 (nmol/L)	DA

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TSH (004259)

NAME	VALUE	REFERENCE RANGE	LAB
F TSH	2.140	0.450-4.500 (uIU/mL)	DA

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Comp. Metabolic Panel (14) (322000)

NAME	VALUE	REFERENCE RANGE	LAB
F Glucose	79	70-99 (mg/dL)	DA
F BUN	22	6-24 (mg/dL)	DA
F Creatinine	1.38 H	0.76-1.27 (mg/dL)	DA
F eGFR	64	>59 (mL/min/1.73)	DA
F BUN/Creatinine Ratio	16	9-20	DA
F Sodium	137	134-144 (mmol/L)	DA
F Potassium	4.5	3.5-5.2 (mmol/L)	DA
F Chloride	95 L	96-106 (mmol/L)	DA
F Carbon Dioxide, Total	26	20-29 (mmol/L)	DA
F Calcium	10.1	8.7-10.2 (mg/dL)	DA
F Protein, Total	7.2	6.0-8.5 (g/dL)	DA
F Albumin	4.8	4.1-5.1 (g/dL)	DA
F Globulin, Total	2.4	1.5-4.5 (g/dL)	DA
F Bilirubin, Total	0.3	0.0-1.2 (mg/dL)	DA
F Alkaline Phosphatase	57	44-121 (IU/L)	DA
F AST (SGOT)	36	0-40 (IU/L)	DA
F ALT (SGPT)	27	0-44 (IU/L)	DA

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Vitamin D, 25-Hydroxy (081950)

NAME	VALUE	REFERENCE RANGE	LAB
F Vitamin D, 25-Hydroxy	37.1	30.0-100.0 (ng/mL)	DA

Vitamin D deficiency has been defined by the Institute of Medicine and an Endocrine Society practice guideline as a level of serum 25-OH vitamin D less than 20 ng/mL (1,2). The Endocrine Society went on to further define vitamin D insufficiency as a level between 21 and 29 ng/mL (2).

1. IOM (Institute of Medicine). 2010. Dietary reference intakes for calcium and D. Washington DC: The National Academies Press.
2. Holick MF, Binkley NC, Bischoff-Ferrari HA, et al. Evaluation, treatment, and prevention of vitamin D deficiency: an Endocrine Society clinical practice guideline. JCEM. 2011 Jul; 96(7):1911-30.

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CBC With Differential/Platelet (005009)

NAME	VALUE	REFERENCE RANGE	LAB
F WBC	5.3	3.4-10.8 (x10E3/uL)	DA
F RBC	5.79	4.14-5.80 (x10E6/uL)	DA
F Hemoglobin	14.4	13.0-17.7 (g/dL)	DA
F Hematocrit	48.6	37.5-51.0 (%)	DA
F MCV	84	79-97 (fL)	DA
F MCH	24.9 L	26.6-33.0 (pg)	DA
F MCHC	29.6 L	31.5-35.7 (g/dL)	DA
F RDW	15.3	11.6-15.4 (%)	DA
F Platelets	307	150-450 (x10E3/uL)	DA
F Neutrophils	65	Not Estab. (%)	DA
F Lymphs	22	Not Estab. (%)	DA
F Monocytes	7	Not Estab. (%)	DA
F Eos	3	Not Estab. (%)	DA
F Basos	2	Not Estab. (%)	DA
Immature Cells			DA
F Neutrophils (Absolute)	3.5	1.4-7.0 (x10E3/uL)	DA
F Lymphs (Absolute)	1.2	0.7-3.1 (x10E3/uL)	DA
F Monocytes(Absolute)	0.4	0.1-0.9 (x10E3/uL)	DA
F Eos (Absolute)	0.2	0.0-0.4 (x10E3/uL)	DA
F Baso (Absolute)	0.1	0.0-0.2 (x10E3/uL)	DA
F Immature Granulocytes	1	Not Estab. (%)	DA
F Immature Grans (Abs)	0.1	0.0-0.1 (x10E3/uL)	DA
NRBC			DA
Hematology Comments:			DA

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Vitamin B12 (001503)

NAME	VALUE	REFERENCE RANGE	LAB
F Vitamin B12	>2000 H	232-1245 (pg/mL)	DA
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PSA Total (Reflex To Free) (480772)

NAME	VALUE	REFERENCE RANGE	LAB
F Prostate Specific Ag	1.6	0.0-4.0 (ng/mL)	DA

Roche ECLIA methodology.

According to the American Urological Association, Serum PSA should decrease and remain at undetectable levels after radical prostatectomy. The AUA defines biochemical recurrence as an initial PSA value 0.2 ng/mL or greater followed by a subsequent confirmatory PSA value 0.2 ng/mL or greater.

Values obtained with different assay methods or kits cannot be used interchangeably. Results cannot be interpreted as absolute evidence of the presence or absence of malignant disease.

F Reflex Criteria

DA

The percent free PSA is performed on a reflex basis only when the

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total PSA is between 4.0 and 10.0 ng/mL.			
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Triiodothyronine,Free (010389)

NAME	VALUE	REFERENCE RANGE	LAB
F Triiodothyronine (T3), Free	3.9	2.0-4.4 (pg/mL)	DA
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Lipid Panel w/ Chol/HDL Ratio (221010)

NAME	VALUE	REFERENCE RANGE	LAB
F Cholesterol, Total	168	100-199 (mg/dL)	DA
F Triglycerides	168 H	0-149 (mg/dL)	DA
F HDL Cholesterol	29 L	>39 (mg/dL)	DA
F VLDL Cholesterol Cal	30	5-40 (mg/dL)	DA

NAME	VALUE	REFERENCE RANGE	LAB
F LDL Chol Calc (NIH)	109 H	0-99 (mg/dL)	DA
LDL Calc Comment:			DA
F T. Chol/HDL Ratio	5.8 H	0.0-5.0 (ratio)	DA

T. Chol/HDL Ratio

	Men	Women
1/2 Avg.Risk	3.4	3.3
Avg.Risk	5.0	4.4
2X Avg.Risk	9.6	7.1
3X Avg.Risk	23.4	11.0

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