

Patient Information	Specimen Information	Client Information
<b>SCHUREMAN, FINN</b> <b>DOB: 09/14/2012 AGE: 3</b> Gender: M Phone: 856.625.9308 Patient ID: 09142012SF Health ID: 8573013063569217	Specimen: NE326918L Requisition: 0000714  Collected: 04/20/2016 / 06:53 EDT Received: 04/21/2016 / 10:40 EDT Faxed: 04/27/2016 / 10:24 EDT	Client #: 08057095 ML060000 OSWARI, ANDREW M.KYU CHUNG,MD 110 MARTER AVE STE 507 MOORESTOWN, NJ 08057-3120

COMMENTS: FASTING:NO

Test Name	In Range	Out Of Range	Reference Range	Lab
BASIC METABOLIC PANEL				QHO
GLUCOSE	88		65-99 mg/dL	
			Fasting reference interval	
UREA NITROGEN (BUN)		17 H	3-12 mg/dL	
		Verified by repeat analysis.		
CREATININE	0.34		0.20-0.73 mg/dL	
		Verified by repeat analysis.		
Patient is <18 years old. Unable to calculate eGFR.				
BUN/CREATININE RATIO		50 H	6-22 (calc)	
SODIUM	138		135-146 mmol/L	
POTASSIUM		5.2 H	3.8-5.1 mmol/L	
CHLORIDE	107		98-110 mmol/L	
CARBON DIOXIDE	20		19-30 mmol/L	
CALCIUM	10.1		8.5-10.6 mg/dL	
TSH	1.81		0.50-4.30 mIU/L	QHO
T4 (THYROXINE), TOTAL	8.3		4.5-12.0 mcg/dL	QHO
T3, TOTAL	104		ng/dL	QHO
<i>See Endnote 1</i>				
T3 REVERSE, LC/MS/MS	15		8-25 ng/dL	AMD
THYROID PEROXIDASE AND THYROGLOBULIN ANTIBODIES				
THYROGLOBULIN ANTIBODIES	<1		< or = 1 IU/mL	QHO
THYROID PEROXIDASE ANTIBODIES	1		<9 IU/mL	QHO
CBC (INCLUDES DIFF/PLT)				QHO
WHITE BLOOD CELL COUNT	10.2		5.0-16.0 Thousand/uL	
RED BLOOD CELL COUNT	5.03		3.90-5.50 Million/uL	
HEMOGLOBIN	13.8		11.5-14.0 g/dL	
HEMATOCRIT		42.9 H	34.0-42.0 %	
MCV	85.3		73.0-87.0 fL	
MCH	27.4		24.0-30.0 pg	
MCHC	32.1		31.0-36.0 g/dL	
RDW	13.3		11.0-15.0 %	
PLATELET COUNT	222		140-400 Thousand/uL	
MPV	9.5		7.5-11.5 fL	
ABSOLUTE NEUTROPHILS	2785		1500-8500 cells/uL	
ABSOLUTE LYMPHOCYTES	6222		2000-8000 cells/uL	
ABSOLUTE MONOCYTES	826		200-900 cells/uL	
ABSOLUTE EOSINOPHILS	337		15-600 cells/uL	
ABSOLUTE BASOPHILS	31		0-250 cells/uL	
NEUTROPHILS	27.3		%	
LYMPHOCYTES	61.0		%	
MONOCYTES	8.1		%	
EOSINOPHILS	3.3		%	
BASOPHILS	0.3		%	
FERRITIN	23		5-100 ng/mL	QHO

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Test Name	In Range	Out Of Range	Reference Range	Lab
PSA, TOTAL	<0.1		< OR = 4.0 ng/mL	QHO

This test was performed using the Siemens chemiluminescent method. Values obtained from different assay methods cannot be used interchangeably. PSA levels, regardless of value, should not be interpreted as absolute evidence of the presence or absence of disease.

**Endnote 1**      Reference Range  
                     Not established

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**Endocrinology**

Test Name	Result	Reference Range	Lab
VITAMIN D, 25-OH, TOTAL, IA	44	30-100 ng/mL	QHO
Vitamin D Status	25-OH Vitamin D:		
Deficiency:	<20 ng/mL		
Insufficiency:	20 - 29 ng/mL		
Optimal:	> or = 30 ng/mL		
For 25-OH Vitamin D testing on patients on D2-supplementation and patients for whom quantitation of D2 and D3 fractions is required, the QuestAssured(TM) 25-OH VIT D, (D2,D3), LC/MS/MS is recommended: order code 92888 (patients >2yrs).			
For more information on this test, go to: <a href="http://education.questdiagnostics.com/faq/FAQ163">http://education.questdiagnostics.com/faq/FAQ163</a> (This link is being provided for informational/educational purposes only.)			

Physician Comments:

**PERFORMING SITE:**

AMD QUEST DIAGNOSTICS/NICHOLS CHANTILLY, 14225 NEWBROOK DRIVE, CHANTILLY, VA 20151-2228 Laboratory Director: PATRICK W. MASON, MD, PHD, CLIA: 49D0221801  
 QHO QUEST DIAGNOSTICS HORSHAM, 900 BUSINESS CENTER DRIVE, HORSHAM, PA 19044-3432 Laboratory Director: ANDREW S EDELMAN, MD PHD, CLIA: 39D0204404