



Patient Information	Specimen Information	Client Information
DOB: AGE: Gender: Phone: Patient ID: Health ID:	Specimen: Requisition: Lab Ref #: Collected: Received: Reported:	Client #: 97508815 MAIL 0000 REQUEST A TEST - PWN HEALTH 7027 MILL RD STE 201 BRECKSVILLE, OH 44141-1852

COMMENTS: FASTING: YES

Test Name	In Range	Out Of Range	Reference Range	Lab
LIPID PANEL, STANDARD				
CHOLESTEROL, TOTAL	137		<200 mg/dL	
HDL CHOLESTEROL	46		> OR = 40 mg/dL	
TRIGLYCERIDES	102		<150 mg/dL	
LDL-CHOLESTEROL	72		mg/dL (calc)	
Reference range: <100				
Desirable range <100 mg/dL for primary prevention; <70 mg/dL for patients with CHD or diabetic patients with > or = 2 CHD risk factors.				
LDL-C is now calculated using the Martin-Hopkins calculation, which is a validated novel method providing better accuracy than the Friedewald equation in the estimation of LDL-C. Martin SS et al. JAMA. 2013;310(19): 2061-2068 (http://education.QuestDiagnostics.com/faq/FAQ164)				
CHOL/HDL-C RATIO	3.0		<5.0 (calc)	
NON HDL CHOLESTEROL	91		<130 mg/dL (calc)	
For patients with diabetes plus 1 major ASCVD risk factor, treating to a non-HDL-C goal of <100 mg/dL (LDL-C of <70 mg/dL) is considered a therapeutic option.				
COMPREHENSIVE METABOLIC PANEL				
GLUCOSE	93		65-99 mg/dL	
Fasting reference interval				
UREA NITROGEN (BUN)	9		7-25 mg/dL	
CREATININE	0.95		0.60-1.24 mg/dL	
EGFR	117		> OR = 60 mL/min/1.73m2	
BUN/CREATININE RATIO	SEE NOTE:		6-22 (calc)	
Not Reported: BUN and Creatinine are within reference range.				
SODIUM	138		135-146 mmol/L	
POTASSIUM	3.9		3.5-5.3 mmol/L	
CHLORIDE	100		98-110 mmol/L	
CARBON DIOXIDE	30		20-32 mmol/L	
CALCIUM	10.0		8.6-10.3 mg/dL	
PROTEIN, TOTAL	7.0		6.1-8.1 g/dL	
ALBUMIN	4.8		3.6-5.1 g/dL	
GLOBULIN	2.2		1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	2.2		1.0-2.5 (calc)	
BILIRUBIN, TOTAL	0.8		0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	52		36-130 U/L	
AST	17		10-40 U/L	
ALT	12		9-46 U/L	
HEMOGLOBIN A1c WITH eAG				
HEMOGLOBIN A1c	5.3		<5.7 % of total Hgb	
For the purpose of screening for the presence of				



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diabetes:

<5.7%	Consistent with the absence of diabetes
5.7-6.4%	Consistent with increased risk for diabetes (prediabetes)
> or =6.5%	Consistent with diabetes

This assay result is consistent with a decreased risk of diabetes.

Currently, no consensus exists regarding use of hemoglobin A1c for diagnosis of diabetes in children.

According to American Diabetes Association (ADA) guidelines, hemoglobin A1c <7.0% represents optimal control in non-pregnant diabetic patients. Different metrics may apply to specific patient populations. Standards of Medical Care in Diabetes (ADA).

eAG (mg/dL)	105	mg/dL
eAG (mmol/L)	5.8	mmol/L
CBC (INCLUDES DIFF/PLT)		
WHITE BLOOD CELL COUNT	5.2	3.8-10.8 Thousand/uL
RED BLOOD CELL COUNT	4.78	4.20-5.80 Million/uL
HEMOGLOBIN	14.6	13.2-17.1 g/dL
HEMATOCRIT	41.4	38.5-50.0 %
MCV	86.6	80.0-100.0 fL
MCH	30.5	27.0-33.0 pg
MCHC	35.3	32.0-36.0 g/dL
RDW	12.2	11.0-15.0 %
PLATELET COUNT	173	140-400 Thousand/uL
MPV	11.3	7.5-12.5 fL
ABSOLUTE NEUTROPHILS	2335	1500-7800 cells/uL
ABSOLUTE LYMPHOCYTES	2324	850-3900 cells/uL
ABSOLUTE MONOCYTES	468	200-950 cells/uL
ABSOLUTE EOSINOPHILS	52	15-500 cells/uL
ABSOLUTE BASOPHILS	21	0-200 cells/uL
NEUTROPHILS	44.9	%
LYMPHOCYTES	44.7	%
MONOCYTES	9.0	%
EOSINOPHILS	1.0	%
BASOPHILS	0.4	%
URINALYSIS, COMPLETE		
COLOR	YELLOW	YELLOW
APPEARANCE	CLEAR	CLEAR
SPECIFIC GRAVITY	1.002	1.001-1.035
PH	7.0	5.0-8.0
GLUCOSE	NEGATIVE	NEGATIVE
BILIRUBIN	NEGATIVE	NEGATIVE
KETONES	NEGATIVE	NEGATIVE
OCCULT BLOOD	NEGATIVE	NEGATIVE
PROTEIN	NEGATIVE	NEGATIVE
NITRITE	NEGATIVE	NEGATIVE
LEUKOCYTE ESTERASE	NEGATIVE	NEGATIVE
WBC	NONE SEEN	< OR = 5 /HPF
RBC	NONE SEEN	< OR = 2 /HPF



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SQUAMOUS EPITHELIAL CELLS	NONE SEEN		< OR = 5 /HPF	
BACTERIA	NONE SEEN		NONE SEEN /HPF	
HYALINE CAST	NONE SEEN		NONE SEEN /LPF	

This urine was analyzed for the presence of WBC, RBC, bacteria, casts, and other formed elements. Only those elements seen were reported.

VARICELLA ZOSTER VIRUS
ANTIBODY (IGG) >165.00 index

Index	Interpretation
<135.00	Negative - Antibody not detected
135.00 - 164.99	Equivocal
> or = 165.00	Positive - Antibody detected

A positive result indicates that the patient has antibody to VZV but does not differentiate between an active or past infection. The clinical diagnosis must be interpreted in conjunction with the clinical signs and symptoms of the patient. This assay reliably measures immunity due to previous infection but may not be sensitive enough to detect antibodies induced by vaccination. Thus, a negative result in a vaccinated individual does not necessarily indicate susceptibility to VZV infection. A more sensitive test for vaccination-induced immunity is Varicella Zoster Virus Antibody Immunity Screen, ACIF.

GLUCOSE-6-PHOSPHATE DEHYDROGENASE, QN		
GLUCOSE-6-PHOSPHATE DEHYDROGENASE	15.2	7.0-20.5 U/g Hgb
ABO GROUP AND RH TYPE		
ABO GROUP	O	
RH TYPE	RH(D) POSITIVE	

For additional information, please refer to <http://education.QuestDiagnostics.com/faq/FAQ111>
(This link is being provided for informational/educational purposes only.)



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Infectious Diseases

Test Name	Result	Reference Range	Lab
HIV 1/2 ANTIGEN/ANTIBODY, FOURTH GENERATION W/RFL			
HIV AG/AB, 4TH GEN	NON-REACTIVE	NON-REACTIVE	
HIV-1 antigen and HIV-1/HIV-2 antibodies were not detected. There is no laboratory evidence of HIV infection. PLEASE NOTE: This information has been disclosed to you from records whose confidentiality may be protected by state law. If your state requires such protection, then the state law prohibits you from making any further disclosure of the information without the specific written consent of the person to whom it pertains, or as otherwise permitted by law. A general authorization for the release of medical or other information is NOT sufficient for this purpose. For additional information please refer to http://education.questdiagnostics.com/faq/FAQ106 (This link is being provided for informational/ educational purposes only.) The performance of this assay has not been clinically validated in patients less than 2 years old.			
Physician Comments:			

PERFORMING SITE: