

Age: 25  
Fasting:  
Specimen: EN540830H  
Requisition: 0038454  
Report Status: FINAL / SEE REPORT

Collected: 12/05/2016 08:46  
Received: 12/05/2016 08:51  
Reported: 12/07/2016 23:05

FASTING: YES

## ▲ CBC (INCLUDES DIFF/PLT)

### ▲ WHITE BLOOD CELL COUNT

Reference Range: 3.8-10.8 (Thousand/uL)



### RED BLOOD CELL COUNT

Reference Range: 4.20-5.80 (Million/uL)



### HEMOGLOBIN

Reference Range: 13.2-17.1 (g/dL)



### HEMATOCRIT

Reference Range: 38.5-50.0 (%)



### MCV

Reference Range: 80.0-100.0 (fL)



### MCH

Reference Range: 27.0-33.0 (pg)



### MCHC

Reference Range: 32.0-36.0 (g/dL)



### RDW

Reference Range: 11.0-15.0 (%)



### PLATELET COUNT

Reference Range: 140-400 (Thousand/uL)



### MPV

Reference Range: 7.5-11.5 (fL)



### ▲ ABSOLUTE NEUTROPHILS

Reference Range: 1500-7800 (cells/uL)



### ABSOLUTE LYMPHOCYTES

Reference Range: 850-3900 (cells/uL)



### ABSOLUTE MONOCYTES

Reference Range: 200-950 (cells/uL)



### ABSOLUTE EOSINOPHILS

Reference Range: 15-500 (cells/uL)



ABSOLUTE BASOPHILS

Reference Range: 0-200 (cells/uL)



NEUTROPHILS

%

37.9

LYMPHOCYTES

%

51.6

MONOCYTES

%

8.0

EOSINOPHILS

%

1.9

BASOPHILS

%

0.6

▲ HSV 1/2 IGG,TYPE SPECIFIC AB HERPESELECT

▲ HSV 1 IGG TYPE SPECIFIC AB

>5.00 H

HSV 2 IGG TYPE SPECIFIC AB

<0.90

Value	Interpretation
-----	-----
<0.90	Negative
0.90-1.10	Equivocal
>1.10	Positive

This assay utilizes recombinant type-specific antigens to differentiate HSV-1 from HSV-2 infections. A positive result cannot distinguish between recent and past infection. If recent HSV infection is suspected but the results are negative or equivocal, the assay should be repeated in 4-6 weeks. The performance characteristics of the assay have not been established for pediatric populations, immunocompromised patients, or neonatal screening.

▲ HEMOGLOBIN A1c

▲ HEMOGLOBIN A1c

Reference Range: <5.7 (% of total Hgb)



According to 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-2013. Diabetes Care. 2013;36:s11-s66

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

This assay result is consistent with an increased risk of diabetes.

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

COMPREHENSIVE METABOLIC PANEL

GLUCOSE

Reference Range: 65-99 (mg/dL)

Fasting reference interval



UREA NITROGEN (BUN)

Reference Range: 7-25 (mg/dL)



REFLEXIVE URINE CULTURE

NO CULTURE INDICATED

HSV 1/2 AB (IGM), IFA W/RFL TO TITER

HSV 1 IGM SCREEN

NEGATIVE

HSV 2 IGM SCREEN

NEGATIVE

REFERENCE RANGE: NEGATIVE

The IFA procedure for measuring IgM antibodies to HSV 1 and HSV 2 detects both type-common and type-specific HSV antibodies. Thus, IgM reactivity to both HSV 1 and HSV 2 may represent crossreactive HSV antibodies rather than exposure to both HSV 1 and HSV 2.

This test was developed and its analytical performance characteristics have been determined by Focus Diagnostics. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

CHLAMYDIA/N. GONORRHOEAE RNA, TMA

CHLAMYDIA TRACHOMATIS RNA, TMA

NOT DETECTED

Reference Range: NOT DETECTED

NEISSERIA GONORRHOEAE RNA, TMA

NOT DETECTED

Reference Range: NOT DETECTED

COMMENT

This test was performed using the APTIMA COMBO2 Assay (Gen-Probe Inc.).

The analytical performance characteristics of this assay, when used to test SurePath specimens have been determined by Quest Diagnostics.

LIPID PANEL



NON HDL CHOLESTEROL

117

mg/dL (calc)

Target for non-HDL cholesterol is 30 mg/dL higher than LDL cholesterol target.

HEPATITIS PANEL, ACUTE W/REFLEX TO CONFIRMATION

HEPATITIS A IGM **NON-REACTIVE**

Reference Range: NON-REACTIVE

HEPATITIS B CORE ANTIBODY (IGM) **NON-REACTIVE**

Reference Range: NON-REACTIVE

## HEPATITIS B SURFACE ANTIGEN W/REFL CONFIRM

HEPATITIS B SURFACE ANTIGEN **NON-REACTIVE**

Reference Range: NON-REACTIVE

## HEPATITIS C AB W/REFL TO HCV RNA, QN, PCR

HEPATITIS C ANTIBODY **NON-REACTIVE**

Reference Range: NON-REACTIVE

SIGNAL TO CUT-OFF

Reference Range: <1.00



## HIV 1/2 ANTIGEN/ANTIBODY,FOURTH GENERATION W/RFL

### HIV 1/2 ANTIGEN/ANTIBODY, FOURTH GENERATION W/RFL

HIV AG/AB, 4TH GEN **NON-REACTIVE**

Reference Range: 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.

## URINALYSIS, COMPLETE W/REFLEX TO CULTURE

COLOR **YELLOW**

Reference Range: YELLOW

APPEARANCE **CLEAR**

Reference Range: CLEAR

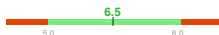
SPECIFIC GRAVITY

Reference Range: 1.001-1.035



PH

Reference Range: 5.0-8.0



GLUCOSE **NEGATIVE**

Reference Range: NEGATIVE

BILIRUBIN **NEGATIVE**

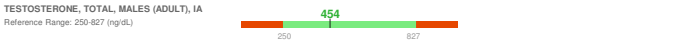
Reference Range: NEGATIVE

<b>KETONES</b> Reference Range: NEGATIVE	NEGATIVE
<b>OCCULT BLOOD</b> Reference Range: NEGATIVE	NEGATIVE
<b>PROTEIN</b> Reference Range: NEGATIVE	NEGATIVE
<b>NITRITE</b> Reference Range: NEGATIVE	NEGATIVE
<b>LEUKOCYTE ESTERASE</b> Reference Range: NEGATIVE	NEGATIVE
<b>WBC</b> Reference Range: < OR ~ 5 (/HPF)	NONE SEEN
<b>RBC</b> Reference Range: < OR ~ 2 (/HPF)	NONE SEEN
<b>SQUAMOUS EPITHELIAL CELLS</b> Reference Range: < OR ~ 5 (/HPF)	NONE SEEN
<b>BACTERIA</b> Reference Range: NONE SEEN (/HPF)	NONE SEEN
<b>HYALINE CAST</b> Reference Range: NONE SEEN (/LPF)	NONE SEEN

#### T4, FREE



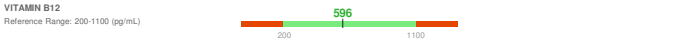
#### TESTOSTERONE, TOTAL, MALES (ADULT), IA



#### TSH



#### VITAMIN B12/FOLATE, SERUM PANEL



#### VITAMIN D,25-OH,TOTAL,IA

VITAMIN D,25-OH,TOTAL,IA

Reference Range: 30-100 (ng/mL)



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: <http://education.questdiagnostics.com/faq/FAQ163>  
(This link is being provided for informational/educational purposes only.)

RPR (DX) W/REFL TITER AND CONFIRMATORY TESTING

RPR (DX) W/REFL TITER AND CONFIRMATORY TESTING NON-REACTIVE

Reference Range: NON-REACTIVE

Performing Sites

EN Quest Diagnostics-West Hills, 8401 Fallbrook Ave, West Hills, CA 91304-3226 Laboratory Director: Tab Toochinda, MD  
TXC Quest Diagnostics-Infectious Disease, Inc, 33608 Ortega Highway, Building B-west Wing, San Juan Capistrano, CA 92675-2042 Laboratory Director: Hollis J Batteman MD

These results have been sent to the person that ordered the tests. Your receipt of these results should not be viewed as medical advice and is not meant to replace discussion with your doctor or other healthcare professional.  
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