

ACHANTA,VAMSEE

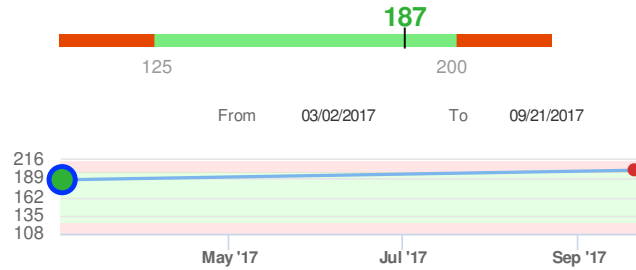
DOB: 07/28/1980 Age: 36 Specimen: DL326260J Collected: 03/03/2017 12:32 Client #: 710500 11210 BELLAIRE BLVD STE 126A
Sex: M Fasting: Requisition: 3966704 Received: 03/04/2017 01:22 HOANG,THANH K HOUSTON, TX 77072-2528
Phone: (713) 306-9029 Report Status: FINAL / SEE REPORT Reported: 03/04/2017 05:25 HORIZON HEALTHCARE CLINIC
Patient ID: 17572 Phone: (281) 564-2900 Fax: (281) 564-0800

FASTING ; FASTING FASTING FASTING

▲ LIPID PANEL

CHOLESTEROL, TOTAL

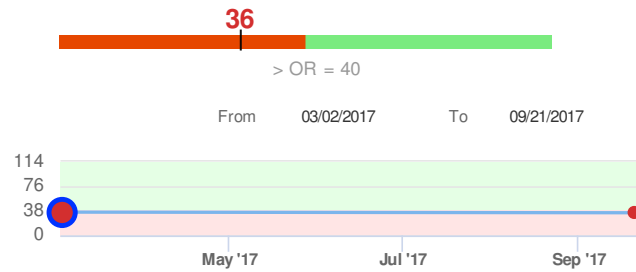
Reference Range: 125-200 mg/dL



Reference range varies across results

▲ HDL CHOLESTEROL

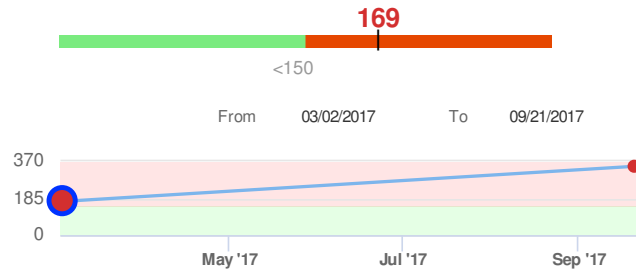
Reference Range: > OR = 40 mg/dL



Reference range varies across results

▲ TRIGLYCERIDES

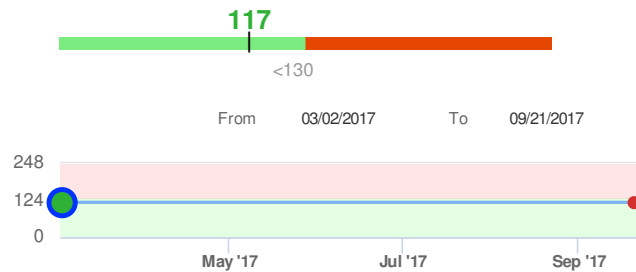
Reference Range: <150 mg/dL



LDL-CHOLESTEROL

Reference Range: <130 mg/dL (calc)

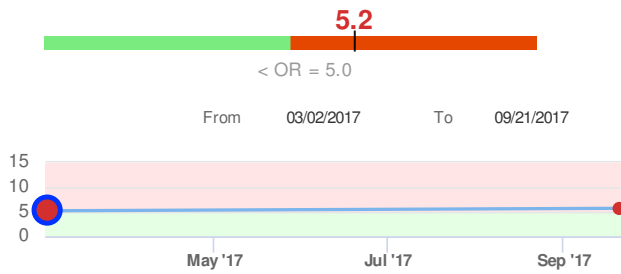
Desirable range <100 mg/dL for patients with CHD or diabetes and <70 mg/dL for diabetic patients with known heart disease.



Reference range varies across results

⚠️ **CHOL/HDLRATIO**

Reference Range: < OR = 5.0 (calc)

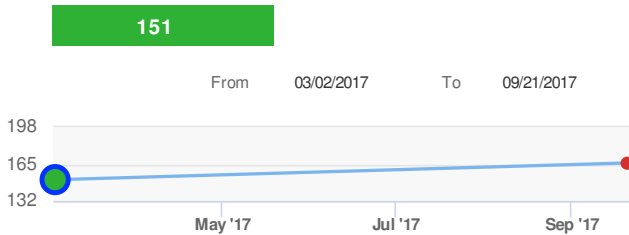


Reference range varies across results

NON HDL CHOLESTEROL

mg/dL (calc)

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

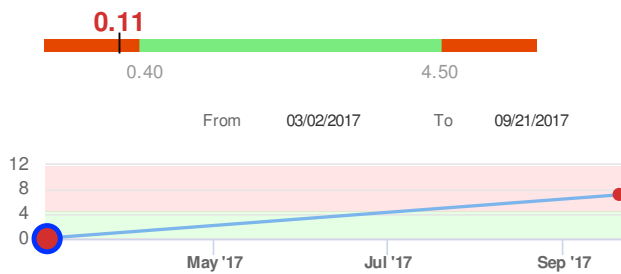


Reference range varies across results

⚠️ **TSH**

⚠️ **TSH**

Reference Range: 0.40-4.50 mIU/L

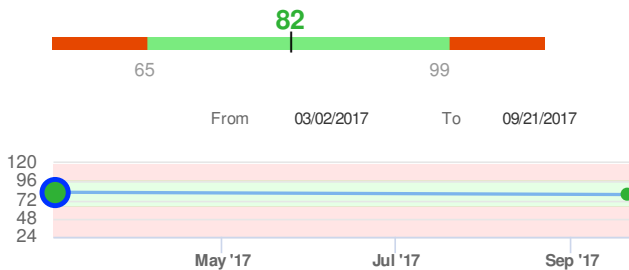


COMPREHENSIVE METABOLIC PANEL

GLUCOSE

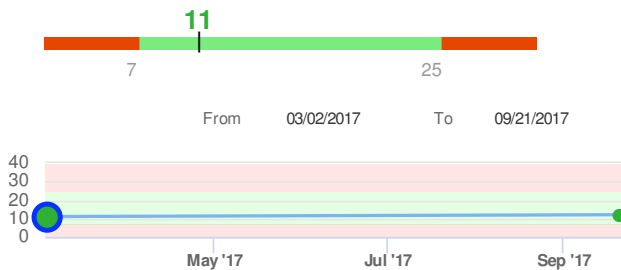
Reference Range: 65-99 mg/dL

Fasting reference interval



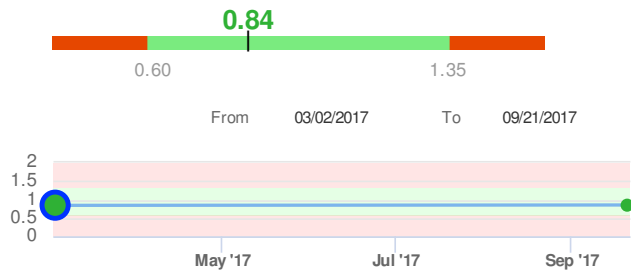
UREA NITROGEN (BUN)

Reference Range: 7-25 mg/dL



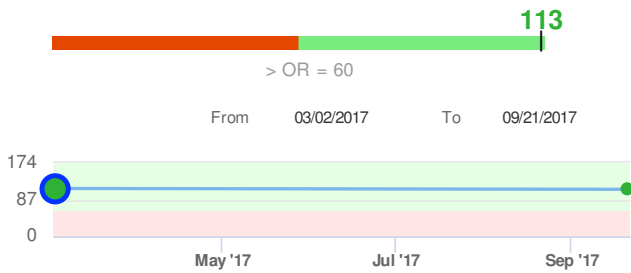
CREATININE

Reference Range: 0.60-1.35 mg/dL



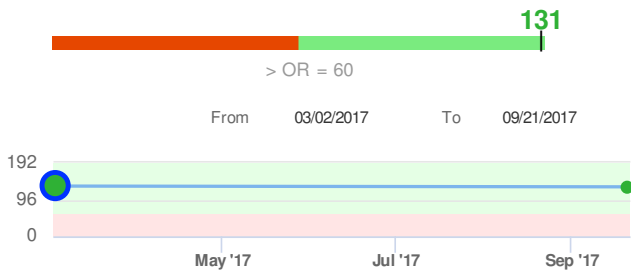
eGFR NON-AFR. AMERICAN

Reference Range: > OR = 60 mL/min/1.73m2



eGFR AFRICAN AMERICAN

Reference Range: > OR = 60 mL/min/1.73m2



BUN/CREATININE RATIO

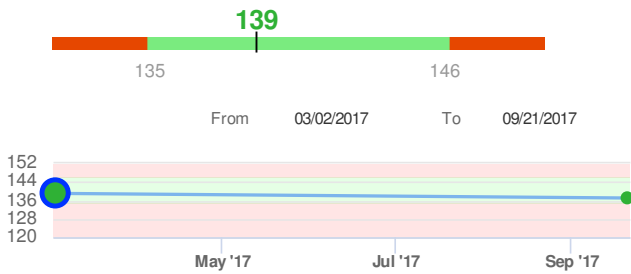
Reference Range: 6-22 (calc)

NOT APPLICABLE



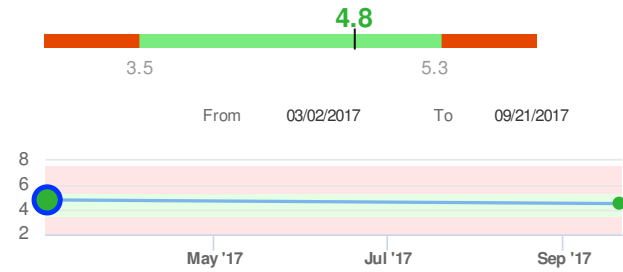
SODIUM

Reference Range: 135-146 mmol/L



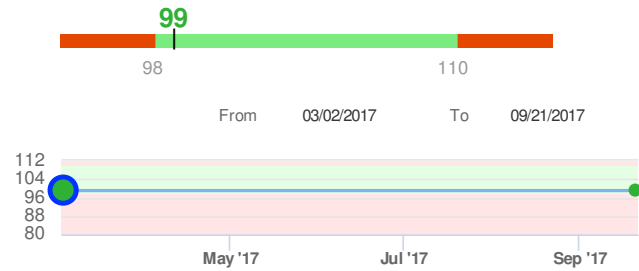
POTASSIUM

Reference Range: 3.5-5.3 mmol/L



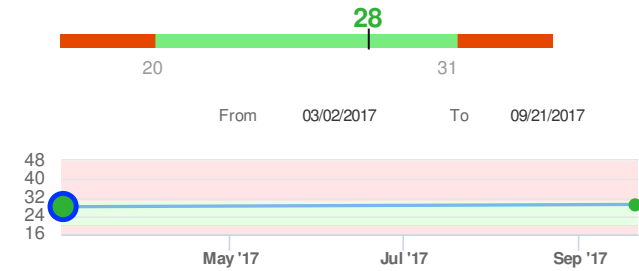
CHLORIDE

Reference Range: 98-110 mmol/L



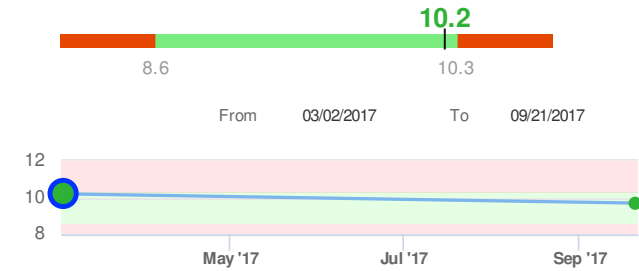
CARBON DIOXIDE

Reference Range: 20-31 mmol/L



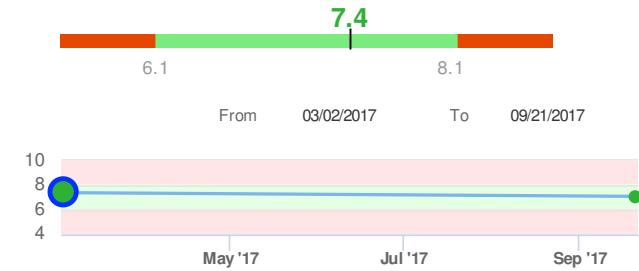
CALCIUM

Reference Range: 8.6-10.3 mg/dL



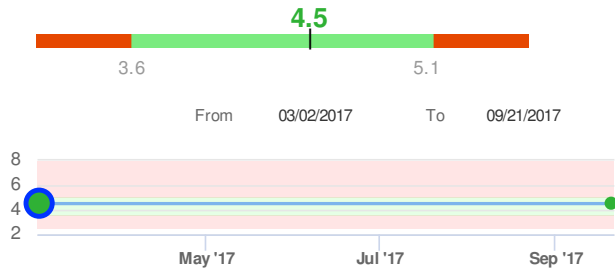
PROTEIN, TOTAL

Reference Range: 6.1-8.1 g/dL



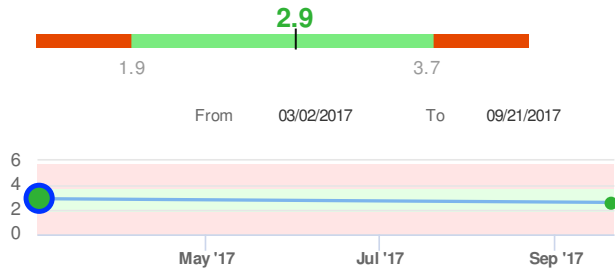
ALBUMIN

Reference Range: 3.6-5.1 g/dL



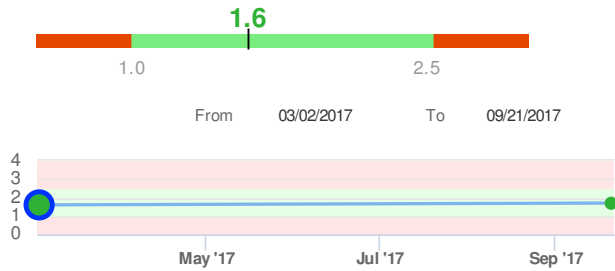
GLOBULIN

Reference Range: 1.9-3.7 g/dL (calc)



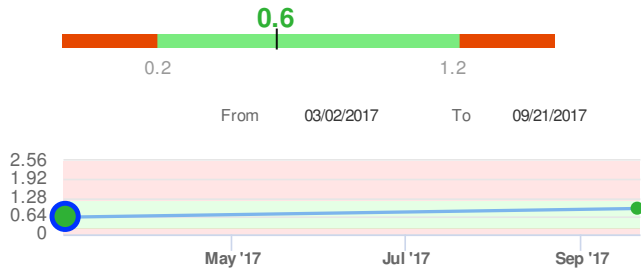
ALBUMIN/GLOBULIN RATIO

Reference Range: 1.0-2.5 (calc)



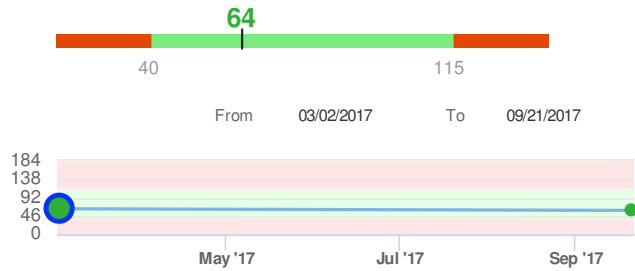
BILIRUBIN, TOTAL

Reference Range: 0.2-1.2 mg/dL



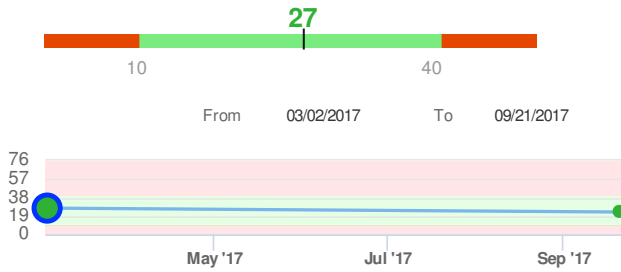
ALKALINE PHOSPHATASE

Reference Range: 40-115 U/L



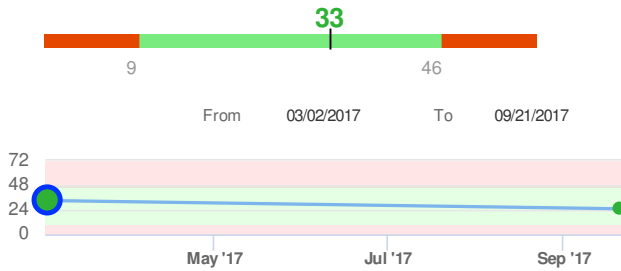
AST

Reference Range: 10-40 U/L



ALT

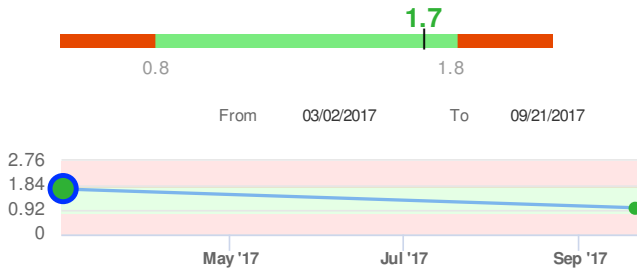
Reference Range: 9-46 U/L



T4, FREE

T4, FREE

Reference Range: 0.8-1.8 ng/dL



Performing Sites

RGA Quest Diagnostics-Houston Lab, 5850 Rogerdale Road, Houston, TX 77072-1602 Laboratory Director: Julia Kenny, MD

Report Insights

LIPID PANEL

Know the Facts about High Cholesterol

High cholesterol levels can lead to heart disease and stroke – leading causes of death in the US. According to the Centers for Disease Control and Prevention (CDC), healthy levels of cholesterol are:

	Desirable Levels
Total cholesterol	Less than 200 mg/dL*
LDL ("bad" cholesterol)	Less than 100 mg/dL
HDL ("good" cholesterol)	40 mg/dL or higher
Triglycerides	Less than 150 mg/dL

* Cholesterol levels are measured in milligrams (mg) of cholesterol per deciliter (dL) of blood.

Read more in this handout from the CDC website : http://www.cdc.gov/cholesterol/docs/ConsumerEd_Cholesterol.pdf

Heart Medication Awareness

This publication discuss heart medication, and the importance of finding the right dose.

View More :

<https://icontent.care360.com/i-content-service/media/image?path=/insights/c1560f33-b352-4cd4-8205-a85431bb4e3c/images/11Febheartmedication.pdf>

TSH

Question 1. What is TSH and how is it measured?

Thyroid stimulating hormone (TSH) is one of the most important hormones currently used to diagnose thyroid abnormalities. This glycoprotein is secreted by the pituitary and stimulates release of thyroxine (T4) and triiodothyronine (T3) from the thyroid gland. TSH release from the pituitary is controlled by thyrotropin releasing hormone (TRH) stimulation and negative feedback from free T3 and free T4.

Question 2. Does the time of day matter when sampling for TSH testing?

Yes. TSH concentration follows a diurnal rhythm. Typically, the peak occurs around midnight and the nadir (~50% of the peak value) around mid-day. Population-based reference intervals are generally obtained from subjects tested in the daytime, closer to the trough than to the peak. So, when evaluating a patient's serial TSH concentrations, differences in sample collection time should be considered.

Question 3. How variable is TSH?

TSH has moderate intraindividual variability and even more marked interindividual variability. The interindividual coefficient of variation is about 32%; consequently there is a wide population-based reference interval for TSH. Since the intraindividual variation is considerably less, comparing a specific patient's current TSH level with any past level may be more illuminating than comparing the patient's current TSH level to the reference interval. A difference of 0.7 mIU/L or greater is considered significant when evaluating a patient's serial TSH values.

Thyroid Function Tests

The blood tests that are most widely used to evaluate thyroid function include those that measure TSH, T4, T3, free T4, and thyroid antibody levels. Read more about these tests in the brochure provided by the American Thyroid Association (ATA).

Download the brochure from the ATA website : http://www.thyroid.org/wp-content/uploads/patients/brochures/FunctionTests_brochure.pdf

Test Reminders

Learn about available reminder services to help you manage your health and keep track of upcoming lab tests.

Get Test Reminders : <http://www.questdiagnostics.com/home/patients/reminders.html>

COMPREHENSIVE METABOLIC PANEL

Comprehensive Metabolic Panel Result: What does it mean?

A Comprehensive Metabolic Panel (CMP) is typically ordered as part of a routine health exam; when you are being monitored for a specific condition or are taking medications that may impact your kidney or liver.

See More : <http://labtestsonline.org/understanding/analytes/cmp/tab/test#what>

Source: <http://www.labtestsonline.org> : <http://www.labtestsonline.org>

T4, FREE

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Download the brochure from the ATA website : http://www.thyroid.org/wp-content/uploads/patients/brochures/FunctionTests_brochure.pdf

Test Reminders

Learn about available reminder services to help you manage your health and keep track of upcoming lab tests.

Get Test Reminders : <http://www.questdiagnostics.com/home/patients/reminders.html>

Quest Diagnostics Patient Service Centers

Use our online scheduling service to make an appointment at a Quest Diagnostics Patient Service Center.

Schedule an Appointment : <https://secure.questdiagnostics.com/hcp/psc/jsp/SearchLocation.do>

Note: Data displayed only for results that meet strict identification matching. Historical result view may vary based on corrected or updated patient demographics. The reference range displayed may vary due to potential changes in laboratory testing methods. Please refer to the published reference range on each lab report.

These results have been sent to the person who 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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