

Lab Address:- # Plot No. 564, 1st floor, Buddhanagar, Near Sai Baba Temple Peerzadiguda Boduppal Hyderabad, Telangana. ICMR Reg .No. SAPALAPVLHT (Covid -19)

## REPORT

Name : Mr. V SRI HARI Age/Gender : 68 Years/Male Referred by : Dr. SELF

: V CARE MEDICAL DIAGNOSTICS

Primary Sample

Referring Customer

Sample Tested In : Urine

Client Address : Kimtee colony ,Gokul Nagar,Tarnaka Sample ID : A0012781

: 0312401130003 Reg. No

SPP Code : SPL-CV-172

Collected On : 13-Jan-2024 08:04 AM

Received On : 13-Jan-2024 12:22 PM : 13-Jan-2024 02:47 PM Reported On

: Final Report Report Status

### **CLINICAL BIOCHEMISTRY**

### **GLUCOSE FASTING**

Method **Test Name Results** Units Ref. Range

**Fasting Urine Glucose** Negative Negative **Automated Strip Test** 









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## REPORT

 Name
 : Mr. V SRI HARI
 Sample ID
 : A0012784, A0012782

 Age/Gender
 : 68 Years/Male
 Reg. No
 : 0312401130003

 Referred by
 : Dr. SELF
 SPP Code
 : SPL-CV-172

Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 13-Jan-2024 08:04 AM
Primary Sample : Whole Blood Received On : 13-Jan-2024 04:06 PM
Sample Tested In : Plasma-NaF(F), Plasma-NaF(PP) Reported On : 13-Jan-2024 05:09 PM

Client Address : Kimtee colony ,Gokul Nagar,Tarnaka Report Status : Final Report

### **CLINICAL BIOCHEMISTRY**

### **GLUCOSE POST PRANDIAL (PP)**

Test Name Results Units Ref. Range Method

Glucose Fasting (F) 88 mg/dL 70-100

GOD-POD

Interpretation of Plasma Glucose based on ADA guidelines 2018						
Diagnosis	iagnosis FastingPlasma 2hrsPlasma Glucose(mg/dL) Glucose(mg/dL)			RBS(mg/dL)		
Prediabetes	100-125	140-199	5.7-6.4	NA		
Diabetes	>= 126	>= 200	II .	>=200(with symptoms)		

Reference: Diabetes care 2018:41(suppl.1):S13-S27

Glucose Post Prandial (PP)

7 mg/dL 70-140

Hexokinase (HK)

Interpretation of Plasma Glucose based on ADA guidelines 2018

	J	2hrsPlasma Glucose(mg/dL)	HbA1c(%)	RBS(mg/dL)	
Prediabetes	100-125	140-199	5.7-6.4	NA	
Diabetes	>= 126	>= 200		>=200(with symptoms)	

Reference: Diabetes care 2018:41(suppl.1):S13-S27

- Postprandial glucose level is a screening test for Diabetes Mellitus
- $\bullet~$  If glucose level is  $>\!140$  mg/dL and  $<\!200$  mg/dL, then GTT (glucose tolerance test) is advised.
- If level after 2 hours = >200 mg/dL diabetes mellitus is confirmed.
- Advise HbA1c for further evaluation.

\*\*\* End Of Report \*\*\*

Laboratory is NABL Accredited







DR.VAISHNAVI MD BIOCHEMISTRY



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### REPORT

Name : Mr. V SRI HARI : A0012783 Sample ID Age/Gender : 68 Years/Male Reg. No : 0312401130003 Referred by : Dr. SELF SPP Code : SPL-CV-172 Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 13-Jan-2024 08:04 AM

Primary Sample : Whole Blood Received On : 13-Jan-2024 01:30 PM
Sample Tested In : Whole Blood EDTA Reported On : 13-Jan-2024 01:30 PM

Client Address : Kimtee colony ,Gokul Nagar,Tarnaka Report Status : Final Report

CLINICAL BIOCHEMISTRY					
Test Name	Results	Units	Ref. Range	Method	
Glycated Hemoglobin (HbA1c)	6.7	%	Non Diabetic: < 5.7 Pre diabetic: 5.7-6.4 Diabetic: >= 6.5	HPLC	
Mean Plasma Glucose	145.59	mg/dL		Calculated	

#### **Interpretation:**

- Glycated hemoglobins (GHb), also called glycohemoglobins, are substances formed when glucose binds to hemoglobin, and occur in amounts proportional to the concentration of serum glucose. Since red blood cells survive an average of 120 days, the measurement of GHb provides an index of a person's average blood glucose concentration (glycemia) during the preceding 2-3 months. Normally, only 4% to 6% of hemoglobin is bound to glucose, while elevated glycohemoglobin levels are seen in diabetes and other hyperglycemic states
- Mean Plasma Glucose(MPG): This Is Mathematical Calculations Where Glycated Hb Can Be Correlated With Daily Mean Plasma Glucose Level













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## REPORT

Name : Mr. V SRI HARI Sample ID : A0012781

Age/Gender : 68 Years/Male Reg. No : 0312401130003

Referred by : Dr. SELF SPP Code : SPL-CV-172

Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 13-Jan-2024 08:04 AM Primary Sample : Received On : 13-Jan-2024 12:20 PM

Sample Tested In : Urine Reported On : 13-Jan-2024 01:28 PM

Client Address : Kimtee colony ,Gokul Nagar,Tarnaka Report Status : Final Report

### **CLINICAL PATHOLOGY**

Test Name	Results	Units	Ref. Range	Method	

### **Complete Urine Analysis (CUE)**

### **Physical Examination**

Colour Pale Yellow Straw to light amber

Appearance Clear Clear

### **Chemical Examination**

Glucose	Negative	Negative	Strip Reflectance
Protein	Absent	Negative	Strip Reflectance
Bilirubin (Bile)	Negative	Negative	Strip Reflectance
Urobilinogen	Negative	Negative	Ehrlichs reagent
Ketone Bodies	Negative	Negative	Strip Reflectance
Specific Gravity	1.005	1.000 - 1.030	Strip Reflectance
Blood	Negative	Negative	Strip Reflectance
Reaction (pH)	5.5	5.0 - 8.5	Reagent Strip Reflectance
APC2c.	Marian		Out Difference

Nitrites Negative Negative Strip Reflectance

Leukocyte esterase Negative Negative Reagent Strip Reflectance

### Microscopic Examination (Microscopy)

<u>wicroscopic Examination (wicroscopy)</u>				
PUS(WBC) Cells	02-04	/hpf	00-05	Microscopy
R.B.C.	Nil	/hpf	Nil	Microscopic
Epithelial Cells	01-02	/hpf	00-05	Microscopic
Casts	Absent		Absent	Microscopic
Crystals	Absent		Absent	Microscopic
Bacteria	Nil		Nil	
Budding Yeast Cells	Nil		Absent	Microscopy

Comments: Urine analysis is one of the most useful laboratory tests as it identifies a wide range of medical conditions including renal damage, urinary tract infections, diabetes, hypertension and drug toxicity.

Result rechecked and verified for abnormal cases

\*\*\* End Of Report \*\*\*

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Swarnabala - M DR.SWARNA BALA MD PATHOLOGY



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### REPORT

 Name
 : Mr. V SRI HARI
 Sample ID
 : A0012785

 Age/Gender
 : 68 Years/Male
 Reg. No
 : 0312401130003

 Referred by
 : Dr. SELF
 SPP Code
 : SPL-CV-172

Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 13-Jan-2024 08:04 AM
Primary Sample : Whole Blood Received On : 13-Jan-2024 12:22 PM
Sample Tested In : Serum Reported On : 13-Jan-2024 06:51 PM

Client Address : Kimtee colony ,Gokul Nagar,Tarnaka Report Status : Final Report

	IMMUNOLOGY & SEROLOGY			
t Name	Results	Units	Ref. Range	

165t Name	Nesulis	Ullita	Kei. Kalige	Wethou	
Hepatitis B Surface Antigen (HBsAg)	0.37	S/Co	<1.00 :Negative	ELISA	

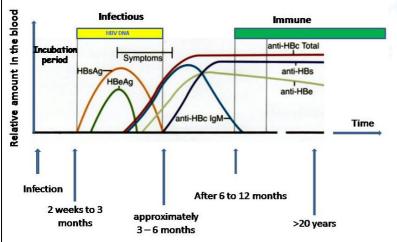
#### Interpretation:

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- Negative result implies that antibodies to HBsAg have not been detected in the sample. This means the patient has either not been exposed to HBsAg infection or the sample has been tested during the "window phase" i.e. before the development of detectable levels of antibodies. Hence a Non-Reactive result does not exclude the possibility of exposure or infection with HBsAg.
- Positive result implies that antibodies to HBsAg have been detected in the sample.

Hepatitis B Virus (HBV) is a member of the Hepadna virus family causing infections of the liver with extremely variable clinical features. Hepatitis B is transmitted primarily by body fluids especially serum and also spread effectively sexually and from mother to baby. In most individuals HBV hepatitis is self limiting, but 1-2% normal adolescents and adults develop Chronic Hepatitis. Frequency of chronic HBV infection is 5-10% in immunocompromised patients and 80% in neonates. The initial serological marker of acute infection is HBsAg which typically appears 2-3 months after infection and disappears 12-20 weeks after onset of symptoms. Persistence of HBsAg for more than six months indicates development of carrier state or Chronic liver disease.

### HBV antigens and antibodies in the blood



#### Note:

1. All Reactive results are tested additionally by Specific antibody Neutralization assay . For further confirmation Molecular assays are recommended For diagnostic purposes, results should be used in conjunction with clinical history and other hepatitis markers for Acute or Chronic infection

Correlate Clinically.

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\*\*\* End Of Report \*\*\*







DR. RUTURAJ MANIKLAL KOLHAPURE MD, MICROBIOLOGIST