Hiranandani Healthcare Pvt. Ltd.

Mini Sea Shore Road, Sector 10 - A, Vashi, Navi Mumbai - 400703

Board Line: 022 - 39199222 | Fax: 022 - 39199220 9 1 2

Emergency: 022 - 39199100 | Ambulance: 1255

For Appointment: 022 - 39199222 | Health Checkup: 022 - 39199300

www.fortishealthcare.com |

CIN: U85100MH2005PTC154823

GST IN: 27AABC H5894D1ZG | PAN NO: AABCH5894D



l:		Date	28/01/20	)23
UHID	5635380	Sex	Male	Age 34
Name	Mrs.Shrikant Repale	SCA	4.44	
OPD	Dental 12		23.27 = 130 HIII	

Drug allergy: Sys illness:

Worn out bridges zes

Celcolus Fo

Adr new bridge 765

Alu stel programi.



0.270 - 4.200

PATIENT NAME: MR.SHRIKANT P REPALE

CODE/NAME & ADDRESS : C000045507 - FORTIS

FORTIS VASHI-CHC -SPLZD FORTIS HOSPITAL # VASHI,

MUMBAI 440001

REF. DOCTOR : SELF

ACCESSION NO: 0022WA005482

: FH.5635380 PATIENT ID CLIENT PATIENT ID: UID:5635380

ABHA NO

:34 Years AGE/SEX

:28/01/2023 09:09:00 DRAWN RECEIVED :28/01/2023 09:12:22 REPORTED :28/01/2023 13:36:47

ng/dL

µg/dL

µIU/mL

CLINICAL INFORMATION:

UID:5635380 REQNO-1364028 CORP-OPD BILLNO-1501230PCR005458

**Biological Reference Interval** Units BILLNO-1501230PCR005458 Results <u>Final</u> Test Report Status

SPECIALISED CHEMISTRY - HORMONE

80 - 200 THYROID PANEL, SERUM 120.50 5.1 - 14.1

METHOD: ELECTROCHEMILUMINESCENCE, COMPETITIVE IMMUNOASSAY

6.82

METHOD: ELECTROCHEMILUMINESCENCE, COMPETITIVE IMMUNOASSAY **T4** 1.860

TSH (ULTRASENSITIVE)

METHOD: ELECTROCHEMILUMINESCENCE, COMPETITIVE IMMUNOASSAY

Interpretation(s)

Dr. Swapnil Sirmukaddam Consultant Pathologist

Patient Ref. No. 2200000082507

PERFORMED AT : BHOOMI TOWER, 1ST FLOOR, HALL NO.1, PLOT NO.28 SECTOR 4, KHARGHAR NAVI MUMBAI, 410210 MAHARASHTRA, INDIA Tel: 9111591115, CIN - U74899PB1995PLC045956

Page 1





PATIENT NAME: MR.SHRIKANT P REPALE

CODE/NAME & ADDRESS : C000045507 - FORTIS

FORTIS VASHI-CHC -SPLZD FORTIS HOSPITAL # VASHI, MUMBAI 440001

ACCESSION NO: 0022WA005482

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CLINICAL INFORMATION:

UID:5635380 REQNO-1364028 CORP-OPD BILLNO-1501230PCR005458 BILLNO-1501230PCR005458

Test Report Status

Results

**Biological Reference Interval** 

Units

SPECIALISED CHEMISTRY - TUMOR MARKER

PROSTATE SPECIFIC ANTIGEN, SERUM

PROSTATE SPECIFIC ANTIGEN

0.220

< 1.4

ng/mL

METHOD: ELECTROCHEMILUMINESCENCE, SANDWICH IMMUNOASSAY

Interpretation(s)
PROSTATE SPECIFIC ANTIGEN, SERUM-- PSA is detected in the male patients with normal, benign hyperplastic and malignant prostate tissue and in patients with prostatitis.
- PSA is not detected (or detected at very low levels) in the patients without prostate tissue ( because of radical prostatectomy or cystoprostatectomy) and also in the

female patient.

- It a suitable marker for monitoring of patients with Prostate Cancer and it is better to be used in conjunction with other diagnostic procedures.

- It a suitable marker for monitoring of patients with Prostate Cancer and it is better to be used in conjunction with other diagnostic procedures.

- Serial PSA levels can help determine the success of prostatectomy and the need for further treatment, such as radiation, endocrine or chemotherapy and useful in detecting residual disease and early recurrence of tumor.

- Elevated levels of PSA can be also observed in the patients with non-malignant diseases like Prostatitis and Benign Prostatic Hyperplasia.

- Elevated levels of PSA can be also observed in the patients with non-malignant diseases, since manipulation of the prostate gland may lead to elevated PSA - Specimens for total PSA assay should be obtained before biopsy, prostatectomy or prostatic massage, since manipulation of the prostate gland may lead to elevated PSA - Specimens for total PSA assay should be obtained before biopsy, prostatectomy or prostatic massage, since manipulation of the prostate gland may lead to elevated PSA - Specimens for total PSA assay should be obtained before biopsy, prostatectomy or prostate cancer above the age of 40 years. Following Age specific reference (false positive) levels persisting up to 3 weeks.

- As per American urological guidelines, PSA screening is recommended for early detection of Prostate cancer above the age of 40 years. Following Age specific reference are used as a guide lines-

Age of male Reference range (ng/ml) 40-49 years 0-2.5

0-3.5

50-59 years 60-69 years

(\* conventional reference level (< 4 ng/ml) is already mentioned in report, which covers all agegroup with 95% prediction Interval)

References- Teitz ,textbook of clinical chemilistry, 4th edition) 2.Wallach's Interpretation of Diagnostic Tests

Please visit www.srlworld.com for related Test Information for this accession

Dr. Swapnil Sirmukaddam Consultant Pathologist

Page 2 (

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REF. DOCTOR : SELF PATIENT NAME: MR.SHRIKANT P REPALE

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ACCESSION NO: 0022WA005482

: FH.5635380 PATIENT ID CLIENT PATIENT ID: UID:5635380

ABHA NO

AGE/SEX :34 Years :28/01/2023 09:09:00 DRAWN

RECEIVED :28/01/2023 09:12:22 REPORTED :28/01/2023 15:34:54

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UID:5635380 REQNO-1364028 CORP-OPD BILLNO-1501230PCR005458

BILLNO-1501230PCR005458		Interval Units
BILLNO-1501230PCR005458	Results	Biological Reference Interval Units
Test Report Status <u>Final</u>	THE STATE OF THE S	

HA	EMATOLOGY - CBC		
CBC-5, EDTA WHOLE BLOOD BLOOD COUNTS, EDTA WHOLE BLOOD		13.0 - 17.0	g/dL
	13.1	13.0 17.0	~~***
HEMOGLOBIN (HB)  METHOD: SPECTROPHOTOMETRY	5.86 High	4.5 - 5.5	mil/μL
RED BLOOD CELL (RBC) COUNT	6.11	4.0 - 10.0	thou/µL
WHITE BLOOD CELL (WBC) COUNT  METHOD: DOUBLE HYDRODYNAMIC SEQUENTIAL SYSTEM(DHSS)		150 - 410	thou/µL
PLATELET COUNT  METHOD: ELECTRICAL IMPEDANCE		×	
RBC AND PLATELET INDICES	42.1	40 - 50	%
HEMATOCRIT (PCV)  METHOD: CALCULATED PARAMETER  METHOD: CALCULATED PARAMETER  MCV)	71.9 Low	83 - 101	fL
MEAN CORPUSCULAR VOLUME (MCV) METHOD: CALCULATED PARAMETER	22.4 Low	27.0 - 32.0	pg
MEAN CORPUSCULAR HEMOGLOBIN (MCH)  METHOD: CALCULATED PARAMETER  METHOD: CALCULATED PARAMETER	31.2 Low	31.5 - 34.5	g/dL
MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION(MCHC) METHOD: CALCULATED PARAMETER METHOD: CALCULATED PARAMET	13.9	11.6 - 14.0	%
RED CELL DISTRIBUTION WIDTH (RDW)  METHOD: CALCULATED PARAMETER  MENTZER INDEX	12.3 8.7	6.8 - 10.9	fL
MEAN PLATELET VOLUME (MPV)  METHOD: CALCULATED PARAMETER  WBC DIFFERENTIAL COUNT		40 - 80	%
NEUTROPHILS	59		%
METHOD : FLOWCYTOMETRY  LYMPHOCYTES	32	20 - 40	
METHOD: FLOWCYTOMETRY			Page

Page 1 Of:

Dr.Akta Dubey Counsultant Pathologist





### PERFORMED AT:

SRL Ltd
HIRANANDANI HOSPITAL-VASHI, MINI SEASHORE ROAD, SECTOR 10,
HIRANANDANI HOSPITAL-VASHI, MINI SEASHORE ROAD, SECTOR 10,
MAHARASHTRA, INDIA
Tel: 022-39199222,022-49723322,
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ACCESSION NO: 0022WA005482

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Male :34 Years AGE/SEX :28/01/2023 09:09:00

DRAWN RECEIVED :28/01/2023 09:12:22 REPORTED :28/01/2023 15:34:54

### CLINICAL INFORMATION:

UID:5635380 REQNO-1364028

CORP-OPD

BILLNO-1501230PCR005458

OK 0			
ILLNO-1501230PCR005458 ILLNO-1501230PCR005458	Results	Biological Reference I	nterval Units
Test Report Status <u>Final</u>	7	2 - 10	%-
MONOCYTES  METHOD: FLOWCYTOMETRY	2	1 - 6	%
EOSINOPHILS  METHOD: FLOWCYTOMETRY	0	0 - 2	%
BASOPHILS  METHOD: FLOWCYTOMETRY  ABSOLUTE NEUTROPHIL COUNT	3.60	2.0 - 7.0	thou/μL thou/μL
METHOD : CALCULATED PARAMETER  ABSOLUTE LYMPHOCYTE COUNT	1.96	1.0 - 3.0	thou/μL
METHOD : CALCULATED PARAMETER  ARSOLUTE MONOCYTE COUNT	0.43	0.2 - 1.0	thou/µL
METHOD : CALCULATED PARAMETER  ABSOLUTE EOSINOPHIL COUNT	0.12	0.02 - 0.50	thou/µL
METHOD: CALCULATED PARAMETER  ABSOLUTE BASOPHIL COUNT  ABSOLUTE BASOPHIL COUNT  AND PARAMETER	0 Low	0,02 - 0,120	
METHOD: CALCULATED PARAMETER  NEUTROPHIL LYMPHOCYTE RATIO (NLR)  METHOD: CALCULATED PARAMETER	1.8		CVTPCIC
MORPHOLOGY	PREDOMINANTL	NORMOCYTIC NORMOCHROMIC	C, MILD MICROCY 10515
RBC METHOD: MICROSCOPIC EXAMINATION	NORMAL MORPH		
WBC METHOD: MICROSCOPIC EXAMINATION	ADEQUATE		

Interpretation(s)
RBC AND PLATELET INDICES-Mentzer index (MCV/RBC) is an automated cell-counter based calculated screen tool to differentiate cases of Iron deficiency anaemia(>13)
from Beta thalassaemia trait
(<13) in patients with microcytic anaemia. This needs to be interpreted in line with clinical correlation and suspicion. Estimation of HbA2 remains the gold standard for diagnosing a case of beta thalassaemia trait. Page 2 Of

**PLATELETS** 

Dr.Akta Dubey Counsultant Pathologist

METHOD: MICROSCOPIC EXAMINATION





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Tel: 022-39199222,022-49723322, CIN - U74899PB1995PLC045956







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Results

**Biological Reference Interval** Units

WBC DIFFERENTIAL COUNT-The optimal threshold of 3.3 for NLR showed a prognostic possibility of clinical symptoms to change from mild to severe in COVID positive patients. When age = 49.5 years old and NLR = 3.3, 46.1% COVID-19 patients with mild disease might become severe. By contrast, when age < 49.5 years old and NLR = 3.3, COVID-19 patients tend to show mild disease.
3.3, COVID-19 patients tend to show mild disease.
(Reference to - The diagnostic and predictive role of NLR, d-NLR and PLR in COVID-19 patients; A.-P. Yang, et al.; International Immunopharmacology 84 (2020) 106504 in the result of the prognostic possibility of clinical symptoms to change from mild to severe in COVID positive role and NLR = 3.3, 46.1% COVID-19 patients; A.-P. Yang, et al.; International Immunopharmacology 84 (2020) 106504 in the result of the prognostic possibility of clinical symptoms to change from mild to severe in COVID positive role and NLR = 3.3, 46.1% COVID-19 patients; A.-P. Yang, et al.; International Immunopharmacology 84 (2020) 106504 in the result of the

Dr.Akta Dubey Counsultant Pathologist

Page 3 Of

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Results

Male :34 Years AGE/SEX DRAWN

:28/01/2023 09:09:00

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CLINICAL INFORMATION:

UID:5635380 REQNO-1364028 CORP-OPD BILLNO-1501230PCR005458

BILLNO-1501230PCR005458 **Final**  Biological Reference Interval

Units

**Test Report Status** HAEMATOLOGY

ERYTHROCYTE SEDIMENTATION RATE (ESR), WHOLE BLOOD

F.S.R METHOD: WESTERGREN METHOD 0 - 14

mm at 1 hr

Interpretation(s)

EXTHROCYTE SEDIMENTATION RATE (ESR), WHOLE BLOOD-TEST DESCRIPTION:

EXTHROCYTE SEDIMENTATION RATE (ESR), which is a test that indirectly measures the degree of inflammation present in the body. The test actually measures the rate of fall Erythrocyte sedimentation rate (ESR) is a test that indirectly measures the degree of inflammation present in the body. The test actually measures the rate of fall (EYR) is a test that indirectly measures the degree of inflammation present in the body. The test actually measures the rate of fall (EYR) is a test that indirectly measures the rate of fall (EYR) is a test that indirectly measures the degree of inflammation present in the body. The test actually measures the rate of fall (EYR) is a test that indirectly measures the rate of fall (EYR) is a test that indirectly measures the degree of inflammation present in the body. The test actually measures the rate of fall (EYR) is a test that indirectly measures the degree of inflammation present in the body. The test actually measures the rate of fall (EYR) is a test that indirectly measures the degree of inflammation present in the body. The test actually measures the rate of fall (EYR) is a test that indirectly measures the degree of inflammation present in the body. The test actually measures the rate of fall (EYR) is a test that indirectly measures the degree of inflammation present in the body. The test actually measures the rate of fall (EYR) is a test that indirectly measures the degree of inflammation present in the body. The test actually measures the rate of indirectly measures the degree of inflammation present in the body. The test actually measures the rate of indirectly measures the degree of inflammation present in the body. The test actually measures the rate of indirectly measures the degree of inflammation present in the body. The test actually measures the rate of indirectly measures the rate of i

ESR is not diagnostic; it is a non-specific test that may be elevated in a number of different conditions. It provides general information about the presence of an inflammatory condition. CRP is superior to ESR because it is more sensitive and reflects a more rapid change.

TEST INTERPRETATION

Increase in Infections Vasculities Inflammatory attivities Recall disease Appeals Inflammatory attivities Inflammatory

TEST INTERPRETATION
Increase in: Infections, Vasculities, Inflammatory arthritis, Renal disease, Anemia, Malignancies and plasma cell dyscrasias, Acute allergy Tissue Injury, Pregnancy, Estrogen medication, Aging.
Finding a very accelerated ESR(>100 mm/hour) in patients with ill-defined symptoms directs the physician to search for a systemic disease (Paraproteinemias, Finding a very accelerated ESR(>100 mm/hour) in patients with ill-defined symptoms directs the physician to search for a systemic disease (Paraproteinemias, Finding a very accelerated ESR(>100 mm/hour) in patients with ill-defined symptoms directs the physician to search for a systemic disease (Paraproteinemias, Finding a very accelerated ESR(>100 mm/hour) in patients with ill-defined symptoms directs the physician to search for a systemic disease (Paraproteinemias, Finding a very accelerated ESR(>100 mm/hour) in patients with ill-defined symptoms directs the physician to search for a systemic disease (Paraproteinemias, Finding a very accelerated ESR(>100 mm/hour) in patients with ill-defined symptoms directs the physician to search for a systemic disease (Paraproteinemias, Finding a very accelerated ESR(>100 mm/hour) in patients with ill-defined symptoms directs the physician to search for a systemic disease (Paraproteinemias, Finding a very accelerated ESR(>100 mm/hour) in patients with ill-defined symptoms directs the physician to search for a systemic disease (Paraproteinemias, Finding and Finding and

EIMITATIONS
False elevated ESR: Increased fibrinogen, Drugs(Vitamin A, Dextran etc.), Hypercholesterolemia
False Decreased: Poikilocytosis, (SickleCells.spherocytes), Microcytosis, Low fibrinogen, Very high WBC counts, Drugs(Quinine, Decreased): Poikilocytosis, (SickleCells.spherocytes), Microcytosis, Low fibrinogen, Very high WBC counts, Drugs(Quinine, Drugs(Quinine, Drugs(Quinine)))

The property of the prope

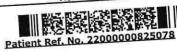
REFERENCE:

1. Nathan and Oski's Haematology of Infancy and Childhood, 5th edition; 2. Paediatric reference intervals. AACC Press, 7th edition. Edited by S. Soldin; 3. The reference for the adult reference range is "Practical Haematology by Dacie and Lewis, 10th edition." salicylates)

Dr.Akta Dubey Counsultant Pathologist

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PERFORMED AT : HIRANANDANI HOSPITAL-VASHI, MINI SEASHORE ROAD, SECTOR 10, NAVI MUMBAI, 400703 MAHARASHTRA, INDIA Tel: 022-39199222,022-49723322, CIN - U74899PB1995PLC045956







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Male :34 Years AGE/SEX

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CLINICAL INFORMATION :

UID:5635380 REQNO-1364028 BILLNO-1501230PCR005458

Units Biological Reference Interval BILLNO-1501230PCR005458 Results **Test Report Status** 

# **IMMUNOHAEMATOLOGY**

# ABO GROUP & RH TYPE, EDTA WHOLE BLOOD

ABO GROUP

TYPE A

METHOD: TUBE AGGLUTINATION

POSITIVE

RH TYPE

METHOD: TUBE AGGLUTINATION

Interpretation(s)

ABO GROUP & RH TYPE, EDTA WHOLE BLOODBlood group is identified by antigens and antibodies present in the blood. Antigens are protein molecules found on the surface of red blood cells. Antibodies are found in plasma. To determine blood group, red cells are mixed with different antibody solutions to give A,B,O or AB.

Disclaimer: "Please note, as the results of previous ABO and Rh group (Blood Group) for pregnant women are not available, please check with the patient records for availability of the same."

The test is performed by both forward as well as reverse grouping methods.

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UID:5635380 REQNO-1364028 CORP-OPD

CORP-OPD BILLNO-1501230PCR005458 BILLNO-1501230PCR005458		L Deference Interval	Units
Test Report Status Final	Results	Biological Reference Interval	

Test Report Status <u>Final</u>			
	BIOCHEMISTRY		
LIVER FUNCTION PROFILE, SERUM	0.58	0.2 - 1.0	mg/dL
BILIRUBIN, TOTAL METHOD: JENDRASSIK AND GROFF	0.10	0.0 - 0.2	mg/dL
BILIRUBIN, DIRECT  METHOD: JENDRASSIK AND GROFF	0.48	0.1 - 1.0	mg/dL
BILIRUBIN, INDIRECT METHOD: CALCULATED PARAMETER	7.4	6.4 - 8.2	g/dL
TOTAL PROTEIN  METHOD: BIURET	4.0	3.4 - 5.0	g/dL
ALBUMIN  METHOD: BCP DYE BINDING	3.4	2.0 - 4.1	g/dL
GLOBULIN  METHOD : CALCULATED PARAMETER	1.2	1.0 - 2.1	RATIO
ALBUMIN/GLOBULIN RATIO  METHOD: CALCULATED PARAMETER  AMANDOTE ANSFER ASE	14 Low	15 - 37	U/L
ASPARTATE AMINOTRANSFERASE  (AST/SGOT)  METHOD: UV WITH P5P  ALANINE AMINOTRANSFERASE (ALT/SGPT)	22	< 45.0	U/L
METHOD: UV WITH PSP	63	30 - 120	U/L
ALKALINE PHOSPHATASE  METHOD: PNPP-ANP  GAMMA GLUTAMYL TRANSFERASE (GGT)	21	15 - 85	U/L
METHOD: GAMMA GLUTAMYLCARBOXT 4NTROATTED	107	100 - 190	U/L
LACTATE DEHYDROGENASE  METHOD: LACTATE -PYRUVATE  GLUCOSE FASTING, FLUORIDE PLASMA  FBS (FASTING BLOOD SUGAR)  METHOD: HEXOKINASE	99	74 - 99	mg/dL

Page 6 Of :

Dr.Akta Dubey Counsultant Pathologist





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HIRANANDANI HOSPITAL-VASHI, MINI SEASHORE ROAD, SECTOR 10,
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Male

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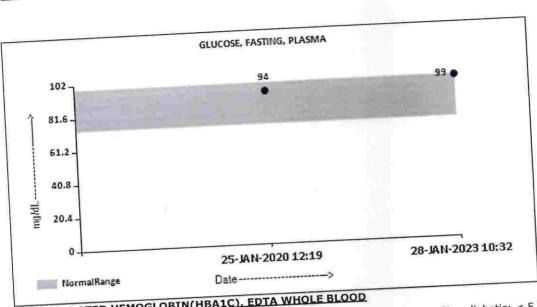
UID:5635380 REQNO-1364028 CORP-OPD BILLNO-1501230PCR005458 BILLNO-1501230PCR005458

**Test Report Status** 

**Final** 

Results

Biological Reference Interval Units



GLYCOSYLATED HEMOGLOBIN(HBA1C), EDTA WHOLE BLOOD

HBA1C

5.9 High

Non-diabetic: < 5.7 Pre-diabetics: 5.7 - 6.4 Diabetics: > or = 6.5Therapeutic goals: < 7.0

Action suggested: > 8.0 (ADA Guideline 2021)

METHOD: HB VARIANT (HPLC)

ESTIMATED AVERAGE GLUCOSE(EAG)

METHOD: CALCULATED PARAMETER

122.6 High

< 116.0

mg/dL

%

Dr.Akta Dubey Counsultant Pathologist

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HIRANANDANI HOSPITAL-VASHI, MINI SEASHORE ROAD, SECTOR 10, NAVI MUMBAI, 400703 MAHARASHTRA, INDIA Tel: 022-39199222,022-49723322,

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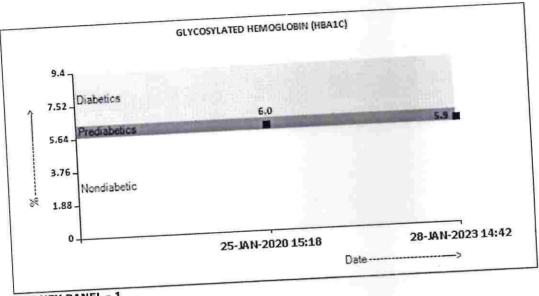
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**Test Report Status** 

**Final** 

Results

**Biological Reference Interval** Units



# KIDNEY PANEL - 1

BLOOD UREA NITROGEN (BUN), SERUM

BLOOD UREA NITROGEN

METHOD: UREASE - UV

10

6 - 20

mg/dL

Dr.Akta Dubey Counsultant Pathologist



Page 8 Of

PERFORMED AT:

HIRANANDANI HOSPITAL-VASHI, MINI SEASHORE ROAD, SECTOR 10, HIRANANDANI HUSPITAL-VASHI, MII NAVI MUMBAI, 400703 MAHARASHTRA, INDIA Tel: 022-39199222,022-49723322, CIN - U74899PB1995PLC045956







Male

REF. DOCTOR : SELF

PATIENT NAME: MR.SHRIKANT P REPALE

CODE/NAME & ADDRESS : C000045507 - FORTIS

FORTIS VASHI-CHC -SPLZD FORTIS HOSPITAL # VASHI,

MUMBAI 440001

ACCESSION NO: 0022WA005482

: FH.5635380 PATIENT ID CLIENT PATIENT ID: UID:5635380

ABHA NO

:34 Years AGE/SEX

:28/01/2023 09:09:00 DRAWN

RECEIVED :28/01/2023 09:12:22 REPORTED :28/01/2023 15:34:54

#### CLINICAL INFORMATION:

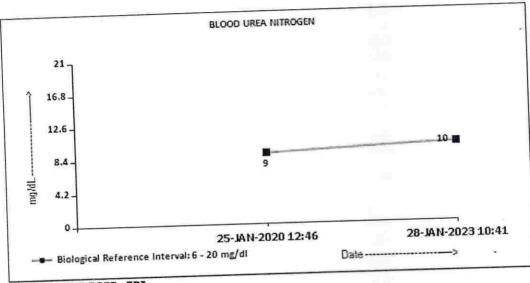
UID:5635380 REQNO-1364028 CORP-OPD BILLNO-1501230PCR005458 BILLNO-1501230PCR005458

Test Report Status

Final

Results

Biological Reference Interval Units



CREATININE EGFR- EPI

CREATININE

0.81 Low

0.90 - 1.30

mg/dL

METHOD: ALKALINE PICRATE KINETIC JAFFES

34

AGE

years

GLOMERULAR FILTRATION RATE (MALE)

118.65

Refer Interpretation Below

mL/min/1.73m2

METHOD: CALCULATED PARAMETER

Dr.Akta Dubey Counsultant Pathologist

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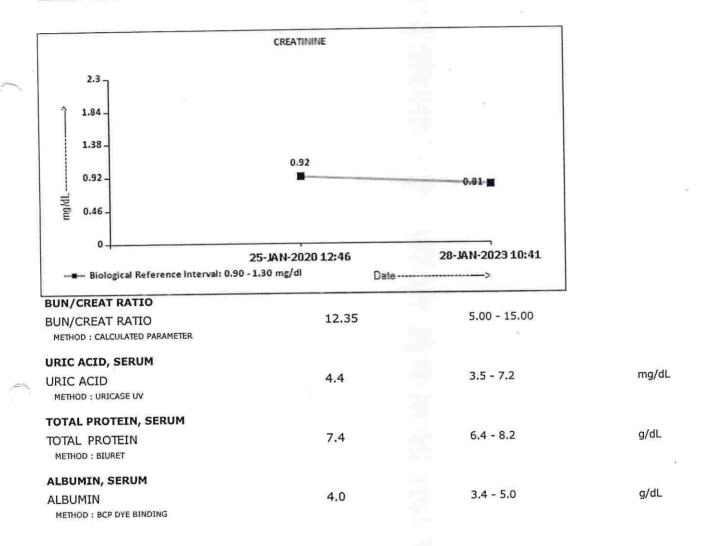
**Test Report Status** 

**Final** 

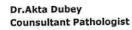
Results

Biological Reference Interval

Units



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View Details

View Repor



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BILLNO-1501230PCR005458				
BILLNO-1501230PCR005458		Biological Reference Interval Units		
Test Report Status <u>Final</u>	Results			
GLOBULIN GLOBULIN METHOD: CALCULATED PARAMETER	3.4	2.0 - 4.1	g/dL	
ELECTROLYTES (NA/K/CL), SERUM		136 - 145	mmol/L	
SODIUM, SERUM METHOD: ISE INDIRECT	4.72	3.50 - 5.10	mmol/L	
POTASSIUM, SERUM  METHOD: ISE INDIRECT  CHLORIDE, SERUM  METHOD: ISE INDIRECT	102	98 - 107	mmol/L	
Interpretation(s)				

Interpretation(s)

LIVER FUNCTION PROFILE, SERUM-LIVER FUNCTION PROFILE

LIVER FUNCTION PROFILE, SERUM-LIVER FUNCTION PROFILE

Billrubin is a yellowish pigment found in bile and is a breakdown product of normal heme catabolism. Bilirubin is excreted in bile and urine, and elevated levels may give yellow discoloration in jaundice. Elevated levels results from increased bilirubin production (eg., hemolysis and ineffective erythropoiesis), decreased billrubin excretion (eg., breditary and neonatal jaundice). Conjugated (direct) billrubin is elevated more than unconjugated obstruction and hepatitis), and abnormal bilirubin metabolism (eg., hereditary and neonatal jaundice). Conjugated (direct) billrubin is also elevated more than unconjugated (indirect) billrubin in Viral hepatitis, Drug reactions, Alcoholic liver disease Conjugated (direct) billrubin is also elevated more than unconjugated (indirect) billrubin in viral hepatitis, Drug reactions, Alcoholic liver disease Conjugated (direct) billrubin is also elevated more than unconjugated (indirect) billrubin in viral hepatitis, burg reactions, alcoholic liver disease Conjugated (direct) billrubin is also elevated more than unconjugated (indirect) billrubin when the properties of the bile ducts liver in the properties of the bile ducts billrubin.

As a result of Hemolytic or pernicious anemia, Transfusion reaction & a common metabolic condition termed eliberts yndrome, due to low levels of the enzyme that the enzyme properties of the bile ducts of the bile ducts of the enzyme in the blood. ALT clinically as a marker for liver health. AST levels increase during chronic viral hepatitis, blockage of the bile duct, cirrhosis of the liver, bid as part of a diagnostic evaluation of anemia, pancreatitis, hemochromatosis, AST levels may also increase during acute hepatitis, sometimes due to a viral infection, ischemia to the liver, chronic is found mainly in the liver, but also in smaller amounts in the kidneys, heart, muscless, and pancreas. It is commonly measured as a p

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Dr.Akta Dubey Counsultant Pathologist





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**Test Report Status** 

**Final** 

Results

**Biological Reference Interval** 

Units

syndrome, Protein-losing enteropathy etc. Human serum albumin is the most abundant protein in human blood plasma. It is produced in the liver. Albumin constitutes about half of the blood serum protein. Low blood albumin levels (hypoalbuminemia) can be caused by: Liver disease like cirrhosis of the liver, nephrotic syndrome, protein-losing enteropathy, Burns, hemodilution, increased vascular permeability or decreased lymphatic clearance, malnutrition and wasting etc GLUCOSE FASTING, FLUORIDE PLASMA-TEST DESCRIPTION Normally, the glucose concentration in extracellular fluid is closely regulated so that a source of energy is readily available to tissues and sothat no glucose is excreted in the urine.

Diabetes mellitus, Cushing's syndrome (10 – 15%), chronic pancreatitis (30%). Drugs:corticosteroids,phenytoin, estrogen, thiazides.

Decreased in

Pancreatic islet cell disease with increased insulin, insulinoma, adrenocortical insufficiency, hypopituitarism, diffuse liver disease, malignancy (adrenocortical, stomach, fibrosarcoma), infant of a diabetic mother, enzyme deficiency diseases(e.g., galactosemia), Drugs- insulin, ethanol, propranolol; sulfonylureas, tolbutamide, and other oral hypoglycemic agents.

NOTE:
While random serum glucose levels correlate with home glucose monitoring results (weekly mean capillary glucose values), there is wide fluctuation within individuals. Thus, glycosylated hemoglobin(HbA1c) levels are favored to monitor glycemic control.
High fasting glucose level in comparison to post prandial glucose level may be seen due to effect of Oral Hypoglycaemics & Insulin treatment, Renal Glyosuria, Glycaemic index & response to food consumed, Alimentary Hypoglycemia, Increased insulin response & sensitivity etc.
GLYCOSYLATED HEMOGLOBIN(HBA1C), EDTA WHOLE BLOOD-Used For:

Evaluating the long-term control of blood glucose concentrations in diabetic patients.

1.Evaluating the long-term control of blood guestes.
2.Diagnosing diabetes.
3.Identifying patients at increased risk for diabetes (prediabetes).
3.Identifying patients at increased risk for diabetes (prediabetes).
The ADA recommends measurement of HbA1c (typically 3-4 times per year for type 1 and poorly controlled type 2 diabetic patients, and 2 times per year for well-controlled type 2 diabetic patients) to determine whether a patients metabolic control has remained continuously within the target range.

1.eAG (Estimated average glucose) converts percentage HbA1c to md/dl, to compare blood glucose levels.
2. eAG gives an evaluation of blood glucose levels for the last couple of months.
3. eAG is calculated as eAG (mg/dl) = 28.7 \* HbA1c - 46.7

HbA1c Estimation can get affected due to:

I.Shortened Erythrocyte survival: Any condition that shortens erythrocyte survival or decreases mean erythrocyte age (e.g. recovery from acute blood loss,hemolytic anema) will falsely lower test results. Fructosamine is recommended in these patients which indicates diabetes control over 15 days.

II.Vitamin C & E are reported to falsely lower test results. (possibly by inhibiting glycation of hemoglobin.

III.Iron deficiency anemia is reported to increase test results. (Possibly by inhibiting glycation of hemoglobin paties is reported to increase test results. Hypertriglyceridemia, uremia, hyperbilirubinemia, chronic alcoholism, chronic ingestion of salicylates & opiates addiction are reported to Interfere with some assay methods, falsely increasing results.

IV. Interference of hemoglobinopathies in hBA1c estimation is seen in

IV. Interference of hemoglobinopathies in hBA1c estimation is seen in

IV. Interference of hemoglobinopathy in the recommended for testing of HbA1c.

B. Heterozygous state detected (D10 is corrected for HbS & HbC trait.)

C. HbF > 25% on alternate patiform (Boronate affinity chromatography) is recommended for testing of HbA1c. Abnormal Hemoglobin electrophoresis (HPLC method) is recommended for detecting a hemoglobinopathy

BLOOD URRA NITROGEN (BUN), SERUM-Causes of Increased levels include Pre renal (High protein diet, Increased protein catabolism, GI haemorrhage, Cortisol, Dehydration, CHF Renal), Renal Failure, Post Renal (Malignancy, Nephrolithiasis, Prostatism)

Causes of decreased level include Liver disease, SIADH.

CREATININE EGRR- EPI-GFR—Glomerular filtration rate (GRR) is a measure of the function of the kidneys. The GFR is a calculation based on a serum creatinine les excreted and concentrations increase in the blood by the kidneys and excreted into urine at a relatively steady rate. When kidney function decreases, less creatinine is excreted and concentrations increase in the blood by the kidneys and excreted into urine at a relati

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Tel: 022-39199222,022-49723322, CIN - U74899PB1995PLC045956





REF. DOCTOR: SELF



PATIENT NAME: MR.SHRIKANT P REPALE

ACCESSION NO: 0022WA005482

CODE/NAME & ADDRESS : C000045507 - FORTIS

FORTIS VASHI-CHC -SPLZD FORTIS HOSPITAL # VASHI,

MUMBAI 440001

PATIENT ID : FH.5635380

CLIENT PATIENT ID: UID:5635380

ABHA NO

AGE/SEX :34 Years

Male :28/01/2023 09:09:00

RECEIVED: 28/01/2023 09:12:22

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#### CLINICAL INFORMATION:

UID:5635380 REQNO-1364028 CORP-OPD

BILLNO-1501230PCR005458 BILLNO-1501230PCR005458

**Test Report Status** 

Results

**Biological Reference Interval** 

DRAWN

Units

syndrome

Causes of decreased levels-Low Zinc intake, OCP, Multiple Sclerosis

TOTAL PROTEIN, SERUM-Serum total protein, also known as total protein, is a biochemical test for measuring the total amount of protein in serum. Protein in the plasma is

TOTAL PROTEIN, SERUM-Serum total protein, also known as total protein, is a biochemical test for measuring the total amount of protein in serum. Protein in the plasma is made up of albumin and globulin

Dr.Akta Dubey **Counsultant Pathologist**  Page 13 Of 20





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NAVI MUMBAI, 400703 MAHARASHTRA, INDIA Tel: 022-39199222,022-49723322, CIN - U74899PB1995PLC045956







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#### RTOCHEMISTRY - LIPID

	BIOCHEMISTRY - LI	PID
LIPID PROFILE, SERUM CHOLESTEROL, TOTAL	172	< 200 Desirable mg/dL 200 - 239 Borderline High >/= 240 High
METHOD: ENZYMATIC/COLORIMETRIC, CHOLESTEROL OXIDAS TRIGLYCERIDES	se, esterase, peroxidase 83	< 150 Normal mg/dL 150 - 199 Borderline High 200 - 499 High >/=500 Very High
METHOD: ENZYMATIC ASSAY HDL CHOLESTEROL	49	< 40 Low mg/dL >/=60 High
METHOD: DIRECT MEASURE - PEG LDL CHOLESTEROL, DIRECT	111	< 100 Optimal mg/dL 100 - 129 Near or above optimal 130 - 159 Borderline High 160 - 189 High >/= 190 Very High
METHOD: DIRECT MEASURE WITHOUT SAMPLE PRETREATMEN NON HDL CHOLESTEROL	123	Desirable: Less than 130 mg/dL Above Desirable: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very high: > or = 220
METHOD: CALCULATED PARAMETER VERY LOW DENSITY LIPOPROTEIN	16.6	= 30.0 mg/dL</td
METHOD: CALCULATED PARAMETER CHOL/HDL RATIO	3.5	3.3 - 4.4 Low Risk 4.5 - 7.0 Average Risk 7.1 - 11.0 Moderate Risk > 11.0 High Risk
METHOD: CALCULATED PARAMETER  LDL/HDL RATIO	2.3	0.5 - 3.0 Desirable/Low Risk 3.1 - 6.0 Borderline/Moderate Risk >6.0 High Risk

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Dr.Akta Dubey **Counsultant Pathologist** 

METHOD: CALCULATED PARAMETER





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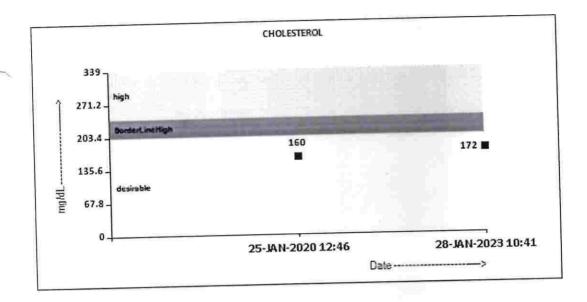
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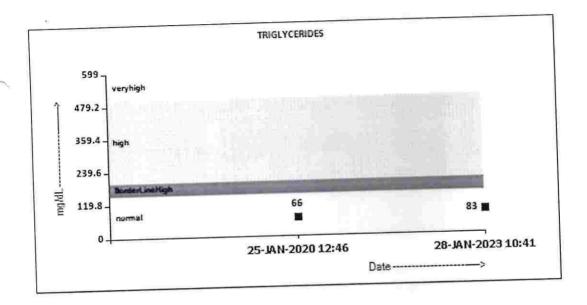
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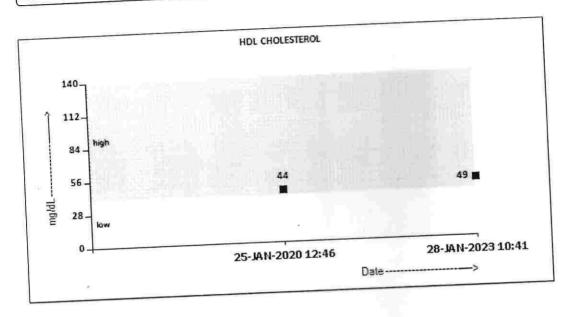
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Results

**Biological Reference Interval** 

Units



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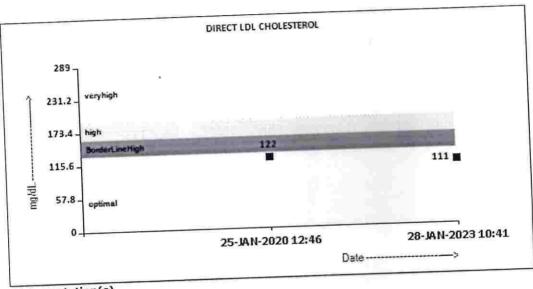
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Biological Reference Interval Units



Interpretation(s)

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Units

CLINICAL PATH - URINALYSIS

KIDNEY PANEL - 1

PHYSICAL EXAMINATION, URINE

COLOR

PALE YELLOW

METHOD : PHYSICAL

APPEARANCE

CLEAR

METHOD: VISUAL

CHEMICAL EXAMINATION, URINE

PH

6.0

4.7 - 7.5

METHOD: REFLECTANCE SPECTROPHOTOMETRY- DOUBLE INDICATOR METHOD

1.003 - 1.035

METHOD: REFLECTANCE SPECTROPHOTOMETRY (APPARENT PKA CHANGE OF PRETREATED POLYELECTROLYTES IN RELATION TO IONIC CONCENTRATION) SPECIFIC GRAVITY

NOT DETECTED

METHOD: REFLECTANCE SPECTROPHOTOMETRY - PROTEIN-ERROR-OF-INDICATOR PRINCIPLE NOT DETECTED

NOT DETECTED

METHOD: REFLECTANCE SPECTROPHOTOMETRY, DOUBLE SEQUENTIAL ENZYME REACTION-GOD/POD

NOT DETECTED

KETONES

NOT DETECTED METHOD: REFLECTANCE SPECTROPHOTOMETRY, ROTHERA'S PRINCIPLE

BLOOD

DETECTED (TRACE) IN URINE

METHOD: REFLECTANCE SPECTROPHOTOMETRY, PEROXIDASE LIKE ACTIVITY OF HAEMOGLOBIN

NOT DETECTED

NOT DETECTED

BILIRUBIN

METHOD: REFLECTANCE SPECTROPHOTOMETRY, DIAZOTIZATION- COUPLING OF BILIRUBIN WITH DIAZOTIZED SALT

NORMAL

UROBILINOGEN

NORMAL

METHOD: REFLECTANCE SPECTROPHOTOMETRY (MODIFIED EHRLICH REACTION) NOT DETECTED

NOT DETECTED

NITRITE

METHOD: REFLECTANCE SPECTROPHOTOMETRY, CONVERSION OF NITRATE TO NITRITE

LEUKOCYTE ESTERASE

NOT DETECTED

NOT DETECTED

METHOD: REFLECTANCE SPECTROPHOTOMETRY, ESTERASE HYDROLYSIS ACTIVITY

MICROSCOPIC EXAMINATION, URINE

RED BLOOD CELLS

0-1

NOT DETECTED

/HPF

Dr.Akta Dubey

Counsultant Pathologist

Dr. Rekha Nair, MD Microbiologist

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BILLNO-1501230PCR005458

BILLNO-150123OPCR005458  Test Report Status <u>Final</u>	Results	Biological Reference	Interval Units
METHOD: MICROSCOPIC EXAMINATION PUS CELL (WBC'S)	1-2	0-5	/HPF
METHOD: MICROSCOPIC EXAMINATION EPITHELIAL CELLS	0-1	0-5	/HPF
METHOD: MICROSCOPIC EXAMINATION  CASTS	NOT DETECTED		
METHOD: MICROSCOPIC EXAMINATION CRYSTALS	NOT DETECTED		
METHOD: MICROSCOPIC EXAMINATION BACTERIA	NOT DETECTED	NOT DETECTED	
METHOD: MICROSCOPIC EXAMINATION YEAST	NOT DETECTED	NOT DETECTED	
METHOD: MICROSCOPIC EXAMINATION REMARKS	NOTE: -URINARY MICROSCOPIC EXAMINATION DONE FROM URINAL CENTRIFUGED SEDIMENTATION.		
Interpretation(s)			

\*\*End Of Report\*\* Please visit www.srlworld.com for related Test Information for this accession

Dr.Akta Dubey **Counsultant Pathologist** 

Dr. Rekha Nair, MD Microbiologist





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PATIENT NAME: MR.SHRIKANT P REPALE

CODE/NAME & ADDRESS : C000045507 - FORTIS

FORTIS VASHI-CHC -SPLZD FORTIS HOSPITAL # VASHI,

MUMBAI 440001

ACCESSION NO: 0022WA005628

PATIENT ID : FH.5635380

CLIENT PATIENT ID: UID:5635380

ABHA NO

Male AGE/SEX :34 Years

:28/01/2023 14:22:00 DRAWN

RECEIVED: 28/01/2023 14:21:53

REPORTED: 28/01/2023 16:03:41

#### CLINICAL INFORMATION:

UID:5635380 REQNO-1364028

CORP-OPD

BILLNO-1501230PCR005458 BILLNO-1501230PCR005458

Results

**Biological Reference Interval** 

Units

#### **BIOCHEMISTRY**

### GLUCOSE, POST-PRANDIAL, PLASMA

PPBS(POST PRANDIAL BLOOD SUGAR)

**Final** 

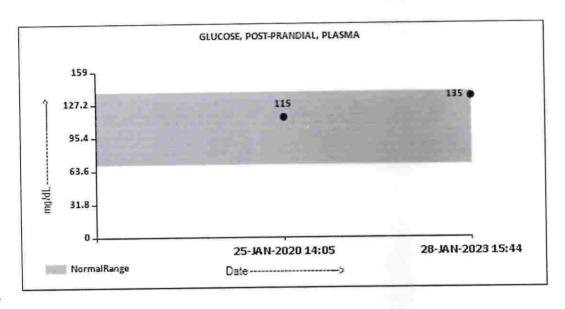
135

70 - 139

mg/dL

METHOD: HEXOKINASE

**Test Report Status** 



Interpretation(s)
GLUCOSE, POST-PRANDIAL, PLASMA-High fasting glucose level in comparison to post prandial glucose level may be seen due to effect of Oral Hypoglycaemics & Insulin GLUCOSE, POST-PRANDIAL, PLASMA-High fasting glucose level in comparison to post prandial glucose level may be seen due to effect of Oral Hypoglycaemics & Insulin response & sensitivity etc.Additional test HbA1c treatment, Renal Glyosuria, Glycaemic index & response to food consumed, Alimentary Hypoglycaemia, Increased insulin response & sensitivity etc.Additional test HbA1c \*\*End Of Report\*\*\*

Please visit www.srlworld.com for related Test Information for this accession

Dr.Akta Dubey **Counsultant Pathologist** 



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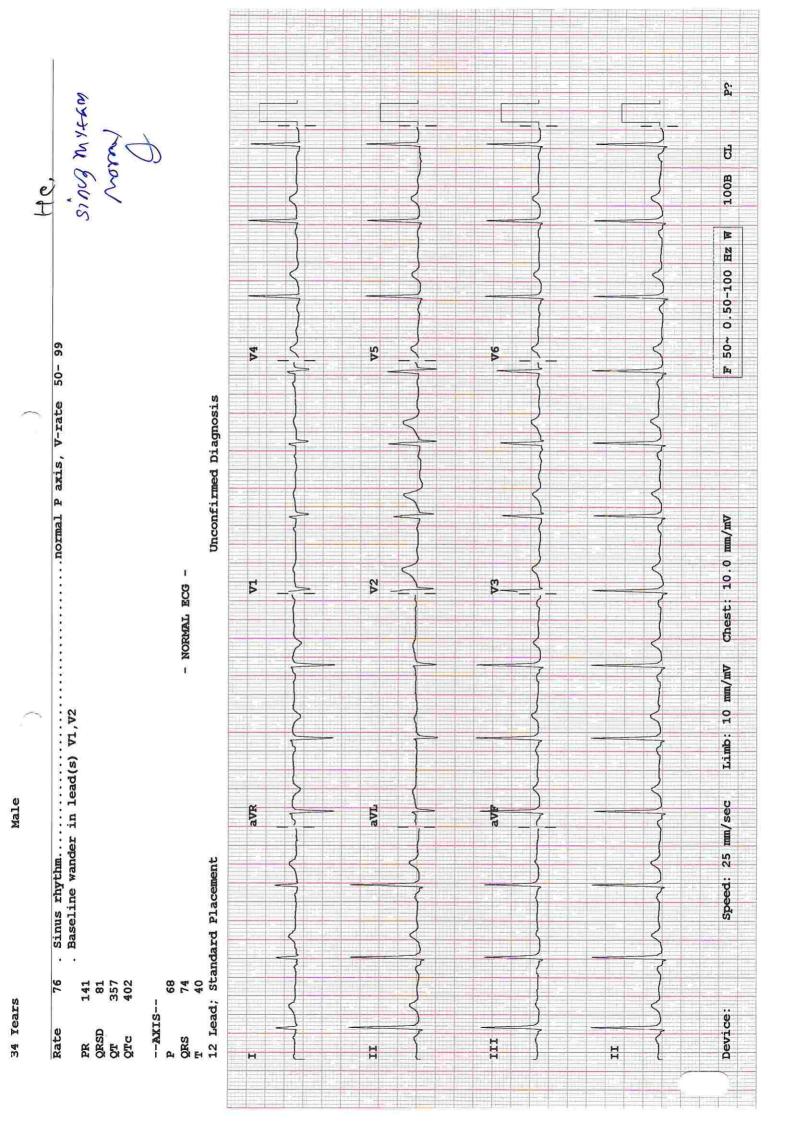
PERFORMED AT:

SRL Ltd HIRANANDANI HOSPITAL-VASHI, MINI SEASHORE ROAD, SECTOR 10,

NAVI MUMBAI, 400703 MAHARASHTRA, INDIA Tel: 022-39199222,022-49723322,

CIN - U74899PB1995PLC045956





Mini Sea Shore Road, Sector 10-A, Vashi, Navi Mumbai - 400703.

Board Line: 022 - 39199222 | Fax: 022 - 39133220

Emergency: 022 - 39199100 | Ambulance: 1255

For Appointment: 022 - 39199200 | Health Checkup: 022 - 39199300 www.fortishealthcare.com | vashi@fortishealthcare.com

CIN: U85100MH2005PTC 154823

GST IN: 27AABCH5894D1ZG PAN NO: AABCH5894D





(For Billing/Reports & Discharge Summary only)

#### DEPARTMENT OF NIC

Date: 30/Jan/2023

Name: Mr. Shrikant P Repale Age | Sex: 34 YEAR(S) | Male

Order Station: FO-OPD

Bed Name:

UHID | Episode No: 5635380 | 5582/23/1501 Order No | Order Date: 1501/PN/OP/2301/11411 | 28-Jan-2023 Admitted On | Reporting Date: 30-Jan-2023 12:08:29

Order Doctor Name: Dr.SELF.

### ECHOCARDIOGRAPHY TRANSTHORACIC

#### FINDINGS:

- No left ventricle regional wall motion abnormality at rest.
- Normal left ventricle systolic function. LVEF = 60%.
- No left ventricle diastolic dysfunction. No e/o raised LVEDP.
- No mitral regurgitation.
- No aortic regurgitation. No aortic stenosis.
- Trivial tricuspid regurgitation. No pulmonary hypertension. PASP = 25 mm of Hg.
- · Intact IVS and IAS.
- No left ventricle clot/vegetation/pericardial effusion.
- Normal right atrium and right ventricle dimension and function.
- · Normal left atrium and left ventricle dimension.
- IVC measures 15 mm with normal inspiratory collapse.

### M-MODE MEASUREMENTS:

LA	30	mm
AO Root	26	mm
AO CUSP SEP	19	mm
	25	mm
LVID (s)	45	mm
LVID <u>*(d)</u> IVS (d)	10	mm
LVPW (d)	10	mm
RVID (d)	21	mm
RA RA	30	mm
LVEF	60	%

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Admitted On | Reporting Date: 30-Jan-2023 12:08:29

Order Doctor Name: Dr.SELF.

#### DOPPLER STUDY:

E WAVE VELOCITY: 0.5 m/sec. A WAVE VELOCITY: 0.6 m/sec

E/A RATIO: 1.5,E/E'=6

	PEAK (mmHg)	MEAN (mmHg)	V max (m/sec)	GRADE OF REGURGITATION
MITRAL VALVE	N			Nil
AORTIC VALVE	08			Nil
TRICUSPID VALVE	25			Trivial
PULMONARY VALVE	2.0			Nil

#### Final Impression:

- · No RWMA.
- · No LV diastolic dysfunction.
- Trivial TR. No PH.
- · Normal LV and RV systolic function.

DR. PRASHANT PAWAR, DNB(MED), DNB (CARDIOLOGY) nirananuani nealliicare rvi. Liu.

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#### DEPARTMENT OF RADIOLOGY

Date: 28/Jan/2023

Name: Mr. Shrikant P Repale

Age | Sex: 34 YEAR(S) | Male

Order Station: FO-OPD

Bed Name:

UHID | Episode No : 5635380 | 5582/23/1501 Order No | Order Date: 1501/PN/OP/2301/11411 | 28-Jan-2023 Admitted On | Reporting Date : 28-Jan-2023 17:49:46

Order Doctor Name: Dr.SELF.

#### X-RAY-CHEST- PA

### **Findings:**

Both lung fields are clear.

The cardiac shadow appears within normal limits.

Trachea and major bronchi appears normal.

Both costophrenic angles are well maintained.

Bony thorax are unremarkable.

DR. VIVEK MANE

MBBS., DMRE. (Radiologist)

#### Hiranandani Healthcare Pvt. Ltd.

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CIN: U85100MH2005PTC 154823 GST IN: 27AABCH5894D1ZG PAN NO: AABCH5894D





#### DEPARTMENT OF RADIOLOGY

Date: 28/Jan/2023

Name: Mr. Shrikant P Repale Age | Sex: 34 YEAR(S) | Male

Order Station: FO-OPD

Bed Name:

UHID | Episode No : 5635380 | 5582/23/1501

Order No | Order Date: 1501/PN/OP/2301/11411 | 28-Jan-2023 Admitted On | Reporting Date : 28-Jan-2023 14:36:04

Order Doctor Name: Dr.SELF.

#### USG-WHOLE ABDOMEN

**LIVER** is normal in size (12.5 cm) and echogenicity. No IHBR dilatation. No focal lesion is seen in liver. Portal vein appears normal in caliber.

**GALL BLADDER** is partially distended. No evidence of pericholecystic collection. **CBD** appears normal in caliber.

SPLEEN is normal in size (11.0 cm) and echogenicity.

BOTH KIDNEYS are normal in size and echogenicity. The central sinus complex is normal.

No evidence of calculi/hydronephrosis.

Right kidney measures 10.0 x 4.7 cm.

Left kidney measures 10.9 x 4.8 cm.

PANCREAS is normal in size and morphology. No evidence of peripancreatic collection.

URINARY BLADDER is normal in capacity and contour. Bladder wall is normal in thickness. No evidence of intravesical calculi.

**PROSTATE** is normal in size & echogenicity. It measures ~ 12 cc in volume.

No evidence of ascites.

#### **IMPRESSION:**

· No significant abnormality is detected.

DR. VIVEK MANE

MBBS., DMRE. (Radiologist)