

Patient Name : Ms Dummy  
 DOB/Age/Gender : 34 Y/Female  
 Patient ID / UHID : XXX  
 Referred By : Dr.  
 Sample Type : Whole blood EDTA  
 Barcode No : XXX

Bill Date : Feb 17, 2024, 12:30 AM  
 Sample Collected : Feb 18, 2024, 11:34 AM  
 Sample Received : Feb 18, 2024, 02:42 PM  
 Report Date : Feb 18, 2024, 05:43 PM  
 Report Status : Final Report



Test Description	Value(s)	Unit(s)	Reference Range
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**HEMATOLOGY REPORT**  
**Preconception Screening- Female**  
**Complete Blood Count (CBC)**

**RBC Parameters**

Hemoglobin Method : colorimetric	13.1	g/dL	12.0 - 15.0
RBC Count Method : Electrical impedance	5	10 <sup>6</sup> /μl	3.8 - 4.8
PCV Method : Calculated	38.6	%	36 - 46
MCV Method : Calculated	77.5	fl	83 - 101
MCH Method : Calculated	26.3	pg	27 - 32
MCHC Method : Calculated	33.9	g/dL	31.5 - 34.5
RDW (CV) Method : Calculated	15.1	%	11.6 - 14.0
RDW-SD Method : Calculated	41.7	fl	35.1 - 43.9

**WBC Parameters**

TLC Method : Electrical impedance and microscopy	8.4	10 <sup>3</sup> /μl	4 - 10
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**Differential Leucocyte Count**

Neutrophils Method : Laser based Flow-cytometry	66.5	%	40-80
Lymphocytes Method : Laser based Flow-cytometry	24.9	%	20-40
Monocytes Method : Laser based Flow-cytometry	6.8	%	2-10
Eosinophils Method : Laser based Flow-cytometry	1.6	%	1-6
Basophils Method : Laser based Flow-cytometry	0.2	%	<2

**Absolute Leukocyte Counts**

Neutrophils. Method : Calculated	5.59	10 <sup>3</sup> /μl	2 - 7
Lymphocytes. Method : Calculated	2.09	10 <sup>3</sup> /μl	1 - 3
Monocytes. Method : Calculated	0.57	10 <sup>3</sup> /μl	0.2 - 1.0

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 Report Date : Feb 18, 2024, 05:43 PM  
 Report Status : Final Report



Test Description	Value(s)	Unit(s)	Reference Range
Eosinophils. Method : Calculated	0.13	10 <sup>3</sup> /μl	0.02 - 0.5
Basophils. Method : Calculated	0.02	10 <sup>3</sup> /μl	0.02 - 0.5
<b>Platelet Parameters</b>			
Platelet Count Method : Electrical impedance and microscopy	293	10 <sup>3</sup> /μl	150 - 410
Mean Platelet Volume (MPV) Method : Calculated	10.3	fL	9.3 - 12.1
PCT Method : Calculated	0.3	%	0.17 - 0.32
PDW Method : Calculated	19.4	fL	8.3 - 25.0
P-LCR Method : Calculated	37.3	%	18 - 50
P-LCC Method : Calculated	109	%	44 - 140
Mentzer Index Method : Calculated	15.5	%	-

**Interpretation:**

CBC provides information about red cells, white cells and platelets. Results are useful in the diagnosis of anemia, infections, leukemias, clotting disorders and many other medical conditions.

Dummy Report

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 Sample Received : Feb 18, 2024, 02:42 PM  
 Report Date : Feb 18, 2024, 06:03 PM  
 Report Status : Final Report



Test Description	Value(s)	Unit(s)	Reference Range
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**HEMATOLOGY REPORT**  
**Preconception Screening- Female**  
**Erythrocyte Sedimentation Rate (ESR)**

ESR - Erythrocyte Sedimentation Rate 6 mm/hr 0 - 12  
 Method : MODIFIED WESTERGREN

**Interpretation:**

ESR is also known as Erythrocyte Sedimentation Rate. An ESR test is used to assess inflammation in the body. Many conditions can cause an abnormal ESR, so an ESR test is typically used with other tests to diagnose and monitor different diseases. An elevated ESR may occur in inflammatory conditions including infection, rheumatoid arthritis ,systemic vasculitis, anemia, multiple myeloma , etc. Low levels are typically seen in congestive heart failure, polycythemia ,sickle cell anemia, hypo fibrinogenemia , etc.

AGE	MALE	FEMALE
1 DAY	0-12	0-12
2 - 7 DAYS	0-4	0-4
8 - 14 DAYS	0-17	0-17
15 DAYS - 17 YEARS	0-20	0-20
18 - 50 YEARS	0-10	0-12
51- 60 YEARS	0-12	0-19
61 - 70 YEARS	0-14	0-20
71 - 100 YEARS	0-30	0-35

Reference- Dacie and lewis practical hematology

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 Referred By : Dr.  
 Sample Type : Whole blood EDTA  
 Barcode No : XXX

Bill Date : Feb 17, 2024, 12:30 AM  
 Sample Collected : Feb 18, 2024, 11:34 AM  
 Sample Received : Feb 18, 2024, 02:42 PM  
 Report Date : Feb 18, 2024, 05:14 PM  
 Report Status : Final Report



Test Description	Value(s)	Unit(s)	Reference Range
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### HEMATOLOGY REPORT

#### Preconception Screening- Female

#### HbA1C (Glycosylated Haemoglobin)

Glycosylated Hemoglobin (HbA1c) Method : HPLC	5.3	%	< 5.7
Estimated Average Glucose	105.41	mg/dL	Refer Table Below

#### Interpretation:

Interpretation For HbA1c% As per American Diabetes Association (ADA)

Reference Group	HbA1c in %
Non diabetic adults >=18 years	<5.7
At risk (Prediabetes)	5.7 - 6.4
Diagnosing Diabetes	>= 6.5
Therapeutic goals for glycemic control	Age > 19 years Goal of therapy: < 7.0 Age < 19 years Goal of therapy: <7.5

#### Note:

- Since HbA1c reflects long term fluctuations in the blood glucose concentration, a diabetic patient who is recently under good control may still have a high concentration of HbA1c. Converse is true for a diabetic previously under good control but now poorly controlled.
- Target goals of < 7.0 % may be beneficial in patients with short duration of diabetes, long life expectancy and no significant cardiovascular disease. In patients with significant complications of diabetes, limited life expectancy or extensive co-morbid conditions, targeting a goal of < 7.0 % may not be appropriate

#### Comments :

HbA1c provides an index of average blood glucose levels over the past 8 - 12 weeks and is a much better indicator of long term glycemic control as compared to blood and urinary glucose determinations ADA criteria for correlation between HbA1c & Mean plasma glucose levels.

HbA1c(%)	Mean Plasma Glucose (mg/dL)	HbA1c(%)	Mean Plasma Glucose (mg/dL)
6	126	12	298
8	183	14	355
10	240	16	413

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DOB/Age/Gender	: 34 Y/Female	Sample Collected	: Feb 18, 2024, 11:34 AM
Patient ID / UHID	: XXX	Sample Received	: Feb 18, 2024, 02:42 PM
Referred By	: Dr.	Report Date	: Feb 18, 2024, 05:46 PM
Sample Type	: Whole blood EDTA	Report Status	: Final Report
Barcode No	: XXX		

Test Description	Value(s)	Unit(s)	Reference Range
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**HEMATOLOGY REPORT**  
**Preconception Screening- Female**  
**Blood Group ABO & Rh Typing**

Blood Group	B	-	-
Rh Factor	Positive	-	-

*Dummy Report*

  
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DOB/Age/Gender	: 34 Y/Female	Sample Collected	: Feb 18, 2024, 11:34 AM
Patient ID / UHID	: XXX	Sample Received	: Feb 18, 2024, 02:42 PM
Referred By	: Dr.	Report Date	: Feb 18, 2024, 05:10 PM
Sample Type	: Whole blood EDTA	Report Status	: Final Report
Barcode No	: XXX		

Test Description	Value(s)	Unit(s)	Reference Range
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**HEMATOLOGY REPORT**

**Preconception Screening- Female**

**Hemoglobin Variant Analysis (HB HPLC)**

Hemoglobin Method : colorimetric	13.1	g/dL	12.0 - 15.0
RBC Count Method : Electrical impedance	5	10 <sup>6</sup> /μl	3.8 - 4.8
PCV Method : Calculated	38.6	%	36 - 46
MCV Method : Calculated	77.5	fl	83 - 101
MCH Method : Calculated	26.3	pg	27 - 32
MCHC Method : Calculated	33.9	g/dL	31.5 - 34.5
RDW (CV) Method : Calculated	15.1	%	11.6 - 14.0
RDW-SD Method : Calculated	41.7	fl	35.1 - 43.9
Foetal Haemoglobin (HbF) Method : HPLC	0.1	%	0-2
Haemoglobin A2 (HbA2) Method : HPLC	2.8	%	1.5-3.7
Haemoglobin A (Hb Adult) Method : HPLC	86.4	%	94.3-98.5
Peak 3 Method : HPLC	4.7	%	<10
Peak 4 Method : HPLC	4.6	%	<10
Others (Non Specific) Method : HPLC	0	%	<10
Haemoglobin D (HbD) Method : HPLC	0	%	0-0
Haemoglobin S (HbS) Method : HPLC	0	%	0-0
Haemoglobin C (HbC) Method : HPLC	0	%	0-0
Haemoglobin E (HbE) Method : HPLC	0	%	0-0
Impression	No Evidence of Hemoglobinopathy.		-

**Interpretation:**

**Method:** HPLC (High performance liquid chromatography), on whole blood.

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Patient Name	: Ms Dummy	Bill Date	: Feb 17, 2024, 12:30 AM
DOB/Age/Gender	: 34 Y/Female	Sample Collected	: Feb 18, 2024, 11:34 AM
Patient ID / UHID	: XXX	Sample Received	: Feb 18, 2024, 02:42 PM
Referred By	: Dr.	Report Date	: Feb 18, 2024, 05:10 PM
Sample Type	: Whole blood EDTA	Report Status	: Final Report
Barcode No	: XXX		

Test Description	Value(s)	Unit(s)	Reference Range
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- All results have to be correlated with age and history of blood transfusion If there is history of blood transfusion in last 3 months, repeat testing after 3 months from last date of transfusion is recommended.
- In case of haemoglobinopathy, parents or family studies and counseling is advised.
- This test detects Beta thalassaemia and haemoglobinopathies. DNA analysis is recommended to rule out alpha thalassaemia and silent carriers.
- Mild to moderate increase in fetal heamoglobin can be seen in some acquired conditions like Pregnancy, Megaloblastic anaemia, Thyrotoxicosis, Hypoxia, Chronic kidney disease, Recovering marrow, MDS, Aplastic anaemia, PNH, Medications (Hydroxyurea, Erythropoietin) etc.
- P3 window- Above 10% is often indicative of either denatured forms of hemoglobins or may suggest a possibility of abnormal haemoglobin variant. Hence,repeat analysis with fresh sample or DNA studies is advised.
- Iron deficiency Anaemia may be associated with low HbA2 result
- Megaloblastic; Anaemia may be associated with elevated HbA2 levels (False high result)
- Adult hemoglobin mentioned above comprises of non glycosylated hemoglobin (HbAo), minor components of adult hemoglobin (HbA1a, HbA1b) and glycosylated hemoglobin (HbA1c).

Dummy Report

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Patient Name : Ms Dummy  
 DOB/Age/Gender : 34 Y/Female  
 Patient ID / UHID : XXX  
 Referred By : Dr.  
 Sample Type : Fluoride Plasma  
 Barcode No : XXX

Bill Date : Feb 17, 2024, 12:30 AM  
 Sample Collected : Feb 18, 2024, 11:34 AM  
 Sample Received : Feb 18, 2024, 02:42 PM  
 Report Date : Feb 18, 2024, 04:09 PM  
 Report Status : Final Report



Test Description	Value(s)	Unit(s)	Reference Range
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**BIOCHEMISTRY REPORT**  
**Preconception Screening- Female**  
Glucose Random (BSR)

Glucose Random Method : Hexokinase	89.4	mg/dL	Normal <140 Prediabetes 140–199 Diabetes =>200
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**Interpretation:**

1. Also known as Casual plasma glucose .
2. Samples can be taken anytime during the day regardless of eating time.
3. Random blood glucose level of equal to or more than 200mg/dl is indicative of Diabetes mellitus.

**Source:** ADA Guidelines

Dummy Report

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Patient Name : **Ms Dummy**  
 DOB/Age/Gender : 34 Y/Female  
 Patient ID / UHID : XXX  
 Referred By : Dr.  
 Sample Type : Serum  
 Barcode No : XXX

Bill Date : Feb 17, 2024, 12:30 AM  
 Sample Collected : Feb 18, 2024, 11:34 AM  
 Sample Received : Feb 18, 2024, 02:42 PM  
 Report Date : Feb 18, 2024, 04:33 PM  
 Report Status : Final Report



Test Description	Value(s)	Unit(s)	Reference Range
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**BIOCHEMISTRY REPORT**  
**Preconception Screening- Female**  
**Liver Function Test (LFT)**

Bilirubin Total Method : Photometric	0.7	mg/dL	0.2 - 1.2
Bilirubin Direct Method : Diazo Reaction	0.3	mg/dL	0.0 - 0.5
Bilirubin Indirect Method : Calculation (T Bil - D Bil)	0.4	mg/dL	0.1 - 1.0
SGOT/AST Method : Enzymatic NADH (without P5P)	27	U/L	11 - 34
SGPT/ALT Method : Enzymatic NADH (without P5P)	30.8	U/L	< 34
SGOT/SGPT Ratio Method : Calculated	0.88	-	-
Alkaline Phosphatase Method : Photometric (Para-Nitrophenyl Phosphate)	76	U/L	40 - 150
Total Protein Method : Biuret (Photometric)	7.14	g/dL	6.4 - 8.3
Albumin Method : Colorimetric BCG	4.39	g/dL	3.5 - 5.2
Globulin Method : Calculation (T.P - Albumin)	2.75	g/dL	2.3 - 3.5
Albumin :Globulin Ratio Method : Calculation (Albumin/Globulin)	1.6	-	1.0 - 2.1
Gamma Glutamyl Transferase (GGT) Method : Photometric	32.3	U/L	< 38

**Interpretation:**

The liver filters and processes blood as it circulates through the body. It metabolizes nutrients, detoxifies harmful substances, makes blood clotting proteins, and performs many other vital functions. The cells in the liver contain proteins called enzymes that drive these chemical reactions. When liver cells are damaged or destroyed, the enzymes in the cells leak out into the blood, where they can be measured by blood tests. Liver tests check the blood for two main liver enzymes. Aspartate aminotransferase (AST), SGOT: The AST enzyme is also found in muscles and many other tissues besides the liver. Alanine aminotransferase (ALT), SGPT: ALT is almost exclusively found in the liver. If ALT and AST are found together in elevated amounts in the blood, liver damage is most likely present. Alkaline Phosphatase and GGT: Another of the liver's key functions is the production of bile, which helps digest fat. Bile flows through the liver in a system of small tubes (ducts), and is eventually stored in the gallbladder, under the liver. When bile flow is slow or blocked, blood levels of certain liver enzymes rise: Alkaline phosphatase Gamma-utanyl transpeptidase (GGT) Liver tests may check for any or all of these enzymes in the blood. Alkaline phosphatase is by far the most commonly tested of the three. If alkaline phosphatase and GGT are elevated, a problem with bile flow is most likely present. Bile flow problems can be due to a problem in the liver, the gallbladder, or the tubes connecting them. Proteins are important building blocks of all cells and tissues. Proteins are necessary for your body's growth, development, and health. Blood contains two classes of protein, albumin and globulin. Albumin proteins keep fluid from leaking out of blood vessels. Globulin proteins play an important role in your immune system. Low total protein may

**Indicate:**

1.bleeding

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 Referred By : Dr.  
 Sample Type : Serum  
 Barcode No : XXX

Bill Date : Feb 17, 2024, 12:30 AM  
 Sample Collected : Feb 18, 2024, 11:34 AM  
 Sample Received : Feb 18, 2024, 02:42 PM  
 Report Date : Feb 18, 2024, 04:33 PM  
 Report Status : Final Report



Test Description	Value(s)	Unit(s)	Reference Range
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2.liver disorder  
 3.malnutrition  
 4.agammaglobulinemia High Protein levels 'Hyperproteinemia: May be seen in dehydration due to inadequate water intake or to excessive water loss (eg, severe vomiting, diarrhea, Addison's disease and diabetic acidosis) or as a result of increased production of proteins Low albumin levels may be

- caused by:**
- 1.A poor diet (malnutrition).
  - 2.Kidney disease.
  - 3.Liver disease. High albumin levels may be caused by: Severe dehydration.

Dummy Report

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 Referred By : Dr.  
 Sample Type : Serum  
 Barcode No : XXX

Bill Date : Feb 17, 2024, 12:30 AM  
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 Sample Received : Feb 18, 2024, 02:42 PM  
 Report Date : Feb 18, 2024, 04:33 PM  
 Report Status : Final Report



MC-5280

Test Description	Value(s)	Unit(s)	Reference Range
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## BIOCHEMISTRY REPORT

### Preconception Screening- Female

#### Kidney Function Test (KFT)

Blood Urea Method : Urease	14.4	mg/dL	15 - 40
Creatinine Method : Kinetic Alkaline Picrate	0.53	mg/dL	0.5 - 1.0
Bun Method : Calculated	6.73	mg/dL	6 - 20
Bun/Creatinine Ratio Method : Calculated	12.7		
Urea / Creatinine Ratio	27.17		
Uric Acid Method : Uricase	4.38	mg/dL	2.5 - 6.2
Calcium Serum Method : Arsenazo III	9	mg/dL	8.4 - 10.2
Phosphorus Method : Photometric	2.9	mg/dL	2.3 - 4.7
Sodium Method : Potentiometric	133.6	mmol/L	136 - 145
Potassium Method : Potentiometric	4.6	mmol/L	3.5 - 5.1
Chloride Method : Potentiometric	103.7	mmol/L	98 - 107

#### Interpretation:

Kidney function tests is a collective term for a variety of individual tests and procedures that can be done to evaluate how well the kidneys are functioning. Many conditions can affect the ability of the kidneys to carry out their vital functions. Some lead to a rapid (acute) decline in kidney function others lead to a gradual (chronic) decline in function. Both result in a buildup of toxic waste substances on urine samples, as well as on blood samples. A number of symptoms may indicate a problem with your kidneys. These include : high blood pressure, blood in urine frequent urges to urinate, difficulty beginning urination, painful urination, swelling in the hands and feet due to a buildup of fluids in the body. A single symptom may not mean something serious. However, when occurring simultaneously, these symptoms suggest that your kidneys are not working properly. Kidney function tests can help determine the reason. Electrolytes (sodium, potassium, and chloride) are present in the human body and the balancing act of the electrolytes in our bodies is essential for normal function of our cells and organs. There has to be a balance. Ionized calcium this test if you have signs of kidney or parathyroid disease. The test may also be done to monitor progress and treatment of these diseases.

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Patient Name : Ms Dummy  
 DOB/Age/Gender : 34 Y/Female Bill Date : Feb 17, 2024, 12:30 AM  
 Patient ID / UHID : XXX Sample Collected : Feb 18, 2024, 11:34 AM  
 Referred By : Dr. Sample Received : Feb 18, 2024, 02:42 PM  
 Sample Type : Serum Report Date : Feb 18, 2024, 04:54 PM  
 Barcode No : XXX Report Status : Final Report

Test Description	Value(s)	Unit(s)	Reference Range
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**SEROLOGY AND IMMUNOLOGY REPORT**

**Preconception Screening- Female**

**VDRL**

VDRL NON REACTIVE - NON REACTIVE  
 Method : RAPID CHROMATOGRAPHIC IMMUNOASSAY

**Interpretation:**

RESULTS	REMARKS
Reactive	Indicates presence of IgM & IgG antibodies against Treponemal Pallidum antigens
Non Reactive	Indicates absence of IgM & IgG antibodies against Treponemal Pallidum antigens

**Note**

1. Positive result indicates ongoing or recent infection and the diagnosis should be confirmed by specific Treponemal tests such as TPHA & FTA- AbS.
2. The reactivity will vary with Primary (60-86%), Secondary (99%) and Tertiary (98%) stage of Syphilis.
3. False positive results may be observed in patients of Malaria, Hepatitis, Mumps, Leprosy, Infectious Mononucleosis, Rheumatoid Arthritis and Collagen disease.
4. False negative reaction may be due to processing of sample collected early in the course of disease, immunosuppression and due to prozone effect.
5. Test conducted on serum.
6. It is a qualitative test.

**Uses**

To screen for presence of Syphilis infection.

Dummy Report

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**Prof. Ashok Rattan**  
 MD (Microbiology), MAMS.



Booking Centre :- HOME COLLECTION - NOIDA - F10166  
 Processing Lab :- Redcliffe Lifetech Pvt. Ltd., H-55, Sector-63, Noida, Uttar Pradesh - 201301

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Patient Name : Ms Dummy  
 DOB/Age/Gender : 34 Y/Female  
 Patient ID / UHID : XXX  
 Referred By : Dr.  
 Sample Type : Serum  
 Barcode No : XXX  
 Bill Date : Feb 17, 2024, 12:30 AM  
 Sample Collected : Feb 18, 2024, 11:34 AM  
 Sample Received : Feb 18, 2024, 02:42 PM  
 Report Date : Feb 18, 2024, 04:54 PM  
 Report Status : Final Report

Test Description	Value(s)	Unit(s)	Reference Range
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**SEROLOGY AND IMMUNOLOGY REPORT**

**Preconception Screening- Female**

**HIV Antibody, Rapid Card**

HIV 1 & 2 ANTIBODIES NON REACTIVE - NON REACTIVE

Method : Qualitative immunoassay,rapid card

**Interpretation:**

RESULTS	REMARKS
Reactive	A reactive test results indicates antibody detected against HIV-1/2
Non reactive	A non reactive test results indicates antibody is not detected against HIV- 1/2.

**NOTE :**

- This is only a screening test. All samples detected reactive must be confirmed by using HIV Western Blot.** Therefore for a definitive diagnosis, the patient’s clinical history, symptomatology as well as serological data, should be considered. The results should be reported only after complying with above procedure.
- Some samples show cross reactivity fir HIV antibodies.Following factors are found to cause false positive HIV antibody test results: naturally occurring antibodies, Passive immunization, Leprosy, Renal Disorders, Tuberculosis, Myco-bacterium avium, Herpes simplex, Hypergammaglobulinemia, Malignant neoplasms, Rheumatoid ar thritis, Tetanus vaccination, Autoimmune diseases, Blood Transfusion, Multiple myeloma, Haemophilia, Heat treated specimens, Lipemic serum, Anti-nuclear antibodies, T-cell leukocyte antigen antibodies, Epstein Barr virus, HLA antibodies and other retroviruses.
- False negative results may occur during the window period and during the end stage of the disease.

Dummy Report

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 Referred By : Dr.  
 Sample Type : Serum  
 Barcode No : XXX  
 Bill Date : Feb 17, 2024, 12:30 AM  
 Sample Collected : Feb 18, 2024, 11:34 AM  
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Test Description	Value(s)	Unit(s)	Reference Range
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**SEROLOGY AND IMMUNOLOGY REPORT**

**Preconception Screening- Female**

**Hepatitis C Antibody (HCV), Rapid Card**

HEPATITIS C ANTIBODY (Anti-HCV) NON REACTIVE NON REACTIVE  
 Method : Qualitative immunoassay,rapid card

**Interpretation:**

RESULTS	REMARKS
Reactive	Reactive test result indicates presence of Hepatitis C virus infection
Non Reactive	Non Reactive test result indicates absence of Hepatitis C virus infection

**NOTE**

- The **4TH Generation HCV TRI-DOT** detects anti-HCV in human serum or plasma and is **only a screening test**. All reactive samples should be confirmed by supplemental assays like RIBA .Therefore for a definitive diagnosis, the patient's clinical history ,symptomatology as well as serological data, should be considered. The results should be reported only after complying with above procedure.
- A non reactive-results does not exclude the possibility of exposure to or infection with HCV.
- Repeated false results may occur due to non-specific binding of the sample to the membrane.
- The presence of anti-HCV does not imply a HepatitisC infection but may be indicative of recent and /or past infection By HCV.
- Patients with auto-immune liver diseases may show falsely reactive results.
- False positive results may be observed in patients receiving mouse monoclonal antibodies, on heparin therapy, on biotin supplements for diagnosis or therapy or presence of heterophilic antibodies in serum.
- False negative reaction may be due to processing of sample collected early in the course of disease, Prozone phenomenon, Immunosuppression & Immuno-incompetence.

**Uses ·**

To diagnose suspected HCV infection in risk group.  
 Prenatal Screening of pregnant women and pre surgical/interventional procedures work up.

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Patient Name	: Ms Dummy	Bill Date	: Feb 17, 2024, 12:30 AM
DOB/Age/Gender	: 34 Y/Female	Sample Collected	: Feb 18, 2024, 11:34 AM
Patient ID / UHID	: XXX	Sample Received	: Feb 18, 2024, 02:42 PM
Referred By	: Dr.	Report Date	: Feb 18, 2024, 04:54 PM
Sample Type	: Serum	Report Status	: Final Report
Barcode No	: XXX		

Test Description	Value(s)	Unit(s)	Reference Range
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**SEROLOGY AND IMMUNOLOGY REPORT**

**Preconception Screening- Female**

**Hepatitis B Surface Antigen (HBsAg), Rapid Card**

HEPATITIS B SURFACE ANTIGEN (HBsAg)	NON REACTIVE	NON REACTIVE
Method : Qualitative immunoassay,rapid card		

**Interpretation:**

RESULTS	REMARKS
Reactive	The sample is Reactive for HBsAg
Non Reactive	The sample is Non Reactive for HBsAg

**Note**

- This is only a Screening test.** All reactive results should be confirmed by confirmatory test. Therefore for a definitive diagnosis, the patient's clinical history ,symptomatology as well as serological data, should be considered. The results should be reported only after complying with above procedure.
- Additional follow up testing using available clinical methods (along with repeat HBsAg rapid card test) is required, if the test is Non reactive with persisting clinical symptoms
- False positive results may be observed in patients receiving mouse monoclonal antibodies, on heparin therapy, on biotin supplements for diagnosis or therapy, presence of heterophilic antibodies in serum or after HBV vaccination for transient period of time.
- False negative reaction may be due to processing of sample collected early in the course of disease or presence of mutant forms of HBsAg.

**SEROLOGY AND IMMUNOLOGY REPORT**

**Preconception Screening- Female**

**Rubella IgG Antibodies**

Rubella (German Measles)-IgG	60.848	IU/mL	Non-Reactive <5 IU/mL Equivocal 5 - 10 IU/mL Reactive >10 IU/mL
Method : CLIA			

**SEROLOGY AND IMMUNOLOGY REPORT**

**Preconception Screening- Female**

**Rubella IgM Antibodies**

Rubella IgM	0.001	AU/mL	Non-Reactive <5 AU/mL Equivocal 5 - 10 AU/mL Reactive >10.0 AU/mL
Method : CLIA			

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Patient Name : **Ms Dummy**  
 DOB/Age/Gender : 34 Y/Female  
 Patient ID / UHID : XXX  
 Referred By : Dr.  
 Sample Type : Spot Urine  
 Barcode No : XXX

Bill Date : Feb 17, 2024, 12:30 AM  
 Sample Collected : Feb 18, 2024, 11:34 AM  
 Sample Received : Feb 18, 2024, 02:42 PM  
 Report Date : Feb 18, 2024, 06:16 PM  
 Report Status : Final Report



Test Description	Value(s)	Unit(s)	Reference Range
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**CLINICAL PATHOLOGY REPORT**  
**Preconception Screening- Female**  
**Urine Routine and Microscopic Examination**

**Physical Examination**

Volume	15	mL	-
Colour	Pale yellow	-	Pale yellow
Transparency	<b>Slightly Hazy</b>	-	Clear
Deposit	Present	-	Absent

**Chemical Examination**

Reaction (pH) Method : Double Indicator	6.0	-	4.5 - 8.0
Specific Gravity Method : Ion Exchange	1.010	-	1.010 - 1.030
Urine Glucose (sugar) Method : Oxidase / Peroxidase	Negative	-	Negative
Urine Protein (Albumin) Method : Acid / Base Colour Exchange	Negative	-	Negative
Urine Ketones (Acetone) Method : Legal's Test	Negative	-	Negative
Blood Method : Peroxidase Hemoglobin	<b>Positive(Trace)</b>	-	Negative
Leucocyte esterase Method : Enzymatic Reaction	Negative	-	Negative
Bilirubin Urine Method : Coupling Reaction	Negative	-	Negative
Nitrite Method : Griess Test	Negative	-	Negative
Urobilinogen Method : Ehrlich's Test	Normal	-	Normal

**Microscopic Examination**

Pus Cells (WBCs)	2-4	/hpf	0 - 5
Epithelial Cells	4-6	/hpf	0 - 4
Red blood Cells	6-8	/hpf	Absent
Crystals	Absent	-	Absent
Cast	Absent	-	Absent
Yeast Cells	Absent	-	Absent
Amorphous deposits	Absent	-	Absent
Bacteria	Absent	-	Absent
Protozoa	Absent	-	Absent

*Dr. Islam Barkatullah Khan*

**Dr. Islam Barkatullah Khan**  
**MD (Pathology)**  
**Consultant Pathologist**



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Patient Name : **Ms Dummy**  
 DOB/Age/Gender : 34 Y/Female  
 Patient ID / UHID : XXX  
 Referred By : Dr.  
 Sample Type : Spot Urine  
 Barcode No : XXX

Bill Date : Feb 17, 2024, 12:30 AM  
 Sample Collected : Feb 18, 2024, 11:34 AM  
 Sample Received : Feb 18, 2024, 02:42 PM  
 Report Date : Feb 18, 2024, 06:16 PM  
 Report Status : Final Report



Test Description	Value(s)	Unit(s)	Reference Range
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Dummy Report

*Dr. Islam Barkatullah Khan*

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Patient Name : Ms Dummy  
 DOB/Age/Gender : 34 Y/Female  
 Patient ID / UHID : XXX  
 Referred By : Dr.  
 Sample Type : EDTA Plasma\$1  
 Barcode No : XXX

Bill Date : Feb 17, 2024, 12:30 AM.  
 Sample Collected : Feb 18, 2024, 11:34 AM.  
 Sample Received : Feb 18, 2024, 02:42 PM.  
 Report Date : Feb 20, 2024, 04:53 PM.  
 Report Status : Final Report

**MOLECULAR DIAGNOSTICS REPORT**  
**Hepatitis C (HCV) RNA By PCR, Qualitative**

TEST	RESULT
HEPATITIS C VIRAL (HCV) RNA PCR ( Qualitative)	NOT DETECTED

**INTERPRETATION:**

1. A positive test result indicates that the patient is infected with the HEPATITIS C virus.
2. A negative test result suggests that the patient is not infected with HEPATITIS C virus.

**METHOD:** Real-Time Polymerase Chain Reaction (RT-PCR)

**REFERENCE VALUES :** Not Detected

**CLINICAL BACKGROUND:**

Hepatitis C is a viral infection that causes liver inflammation, sometimes leading to serious liver damage. The hepatitis C virus (HCV) spreads through contaminated blood.

Long-term infection with the hepatitis C virus is known as chronic hepatitis C. Chronic hepatitis C is usually a "silent" infection for many years, until the virus damages the liver enough to cause the signs and symptoms of liver disease.

**TEST LIMITATIONS:**

- 1) A **negative** result does not rule out the presence of PCR inhibitors in the patient specimen or assay-specific nucleic acid in concentrations below the level of detection by this assay.
- 2) An "Undetected" HCV RNA test result in conjunction with a positive anti-HCV status does not exclude the possibility of a resolved HCV infection. When clinically indicated, patients should be retested for HCV RNA in 1 to 2 months, to distinguish between past/resolved HCV infection and chronic HCV infection with episodic viral replication.



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Hemraj Singh  
M.SC. (Biotechnology)  
Section Head, Mol. & Infectious



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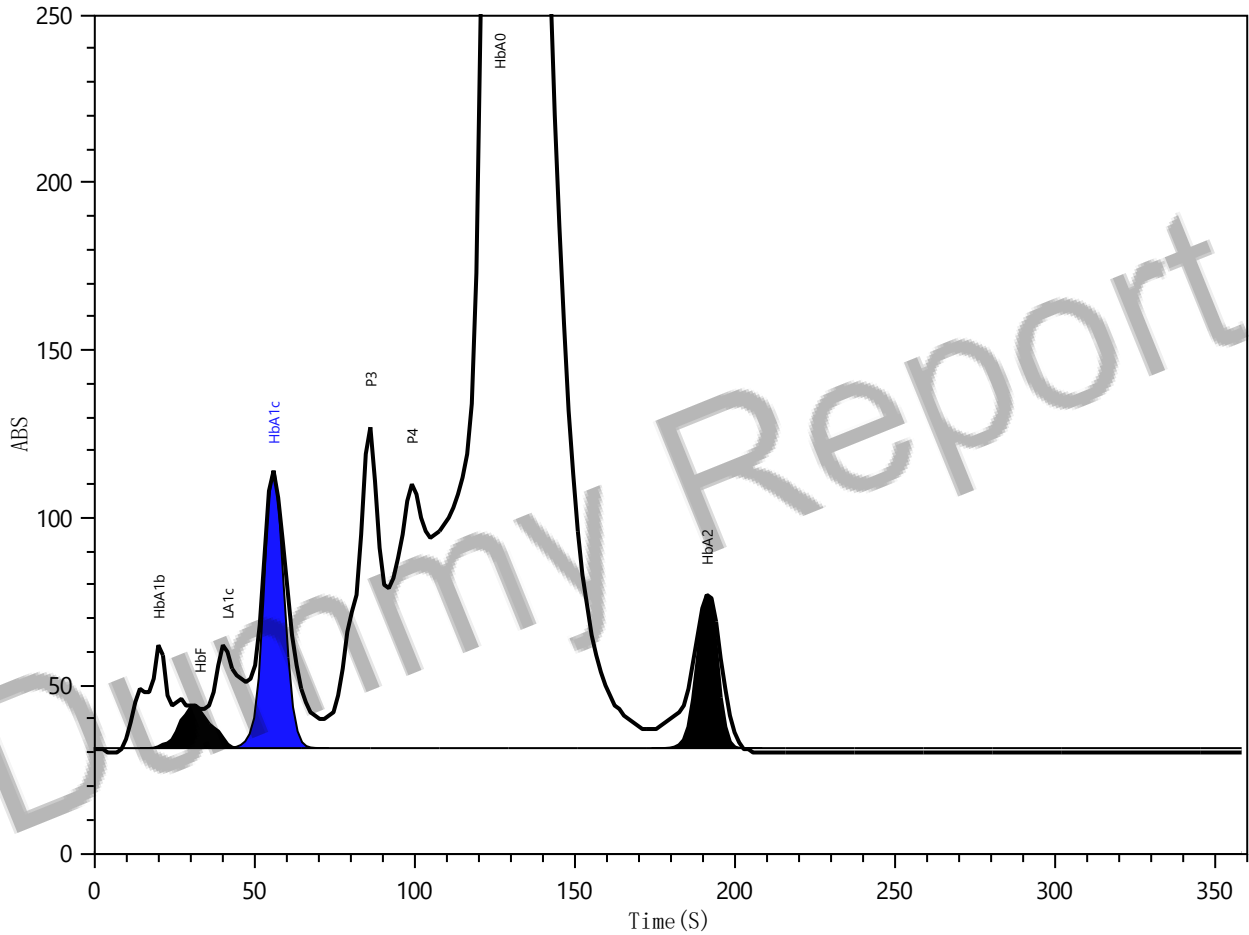
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Name: Case: Patient Type: Test Date: 2024/02/18 16:42  
 Gender: Department: Sample Type: Sample Id: XXX  
 Age: Bed no:

Peak Name	Time (s)	Absorbance	Area	Area (%)	Reference Value
HbA1b	20.0	62.0	3896.0	1.9	
HbF	32.6	43.0	2051.0	0.1	
LA1c	41.5	61.0	3015.0	1.4	
HbA1c	56.4	114.0	9146.0	4.7	
P3	86.3	127.0	9525.0	4.7	
P4	99.9	109.0	9391.0	4.6	
HbA0	126.9	1140.0	161379.0	79.8	
HbA2	192.2	78.0	5990.0	2.8	

Total Area: 204393



Diagnosis:

Sender: Send Date: 2024/02/18 Report Date: 2024/02/18 Tester: Checker:  
 Comment:

Patient Name	: Ms Dummy	Bill Date	: 17-Feb-24 12:30 AM
DOB/Age/Gender	: 34 Y 0 M 0 D /Female	Sample Collected	: 18/Feb/2024 11:34AM
Patient ID / UHID	: XXX	Sample Received	: 18/Feb/2024 02:42PM
Referred By	: Dr.	Report Date	: 20/Feb/2024 05:24PM
Sample Type	: URINE	Report Status	: Final Report
Barcode No	: XXX		

**Culture Aerobic, Urine**

NATURE OF SPECIMEN	URINE
RESULT	NO GROWTH AFTER 48 HOURS OF AEROBIC INCUBATION AT 37°C

**Comment:**


**NOTE:**


1. Result of culture and antimicrobial susceptibility test need to be correlated clinically.
2. Previous history of antibiotic usage may influence the growth of microorganisms in vitro.

Colony Count	Interpretation
Colony Counts of 10000 - $\geq$ 100000 CFU/ml of single/two Potential pathogen/s.	Significant growth. Suggestive of Urinary tract infection (UTI) requiring treatment based on antimicrobial susceptibility testing results.
Colony counts between 1000 to 10000 CFU/ml of single Potential pathogen.	Can be considered Significant growth, correlation with Microscopy and Clinical history required.
Colony counts upto 100 CFU/ml.	Insignificant growth. Probable commensal contamination during voiding.
Any number / Any count.	Significant in case of Suprapubic aspirates/surgically obtained (e.g. cystoscopy) specimens.
$\geq$ 3 organism types with no predominant (10000 $\geq$ 100000 CFU/ml ) pathogen.	Fresh specimen required as possibility of contamination during voiding.

1. Low counts can be considered significant in patients on antimicrobial therapy, diuretics and growth of pure culture of S.aureus.
2. Any growth of yeasts may be correlated clinically and specimen repeated for fungal culture with identification and susceptibility testing.

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

  
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Disclaimer: This is a sample report. The method and reference range in the actual report might vary as per lab accreditation or certification and equipments where sample is processed.



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2. It is to be presumed that the tests performed pertain to the specimen/sample attributed to the Customer's name or identification. It is presumed that the verification particulars have been cleared out by the customer or his/her representation at the point of generation of said specimen / sample. It is hereby clarified that the reports furnished are restricted solely to the given specimen only.
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Dummy Report