

: Mrs.PRIYA Name Centre Details :MALVIN DIAGNOSTICS Age : 39 Yrs Sex: Female Accession.ID :SDL2410130003

Collection Date : 12/Oct/2024 03:19PM Referred By :DR GYNAE UNIT

: 13/Oct/2024 12:55PM Report Date :15/Oct/2024 02:21PM Registration Date: 13/Oct/2024 Ref. No./TRF No.

### **DEPARTMENT OF CYTOLOGY**

### **Conventional PAP Smear**

Received Date

Smear

**SPECIMEN DETAILS:** LAB. NO.: C/5767/24

Conventional PAP smear One unstained smear.

**CLINICAL DETAILS:** 

P/S Cervix healthy.

**REPORTING MODE:** 

By Bethesda System 2014

### ADEQUACY:

Satisfactory for evaluation.

Endocervical/transformation zone component present

#### **MICROSCOPY**:

Smear shows many intermediate cells, superficial squamous cells, metaplastic squamous cells. and moderate number of neutrophils. Leucophagocytosis is seen. Shift in flora seen.

### **IMPRESSION**:

Negative for any intraepithelial lesion or malignancy.

Reactive cellular changes associated with inflammation seen.

### **DISCLAIMER**

Gynaecological cytology is a screening test that aids in the detection of cervical cancer and cancer precursors. Both false positive and false negative results can occur. The test should be used at regular intervals, and positive results should be confirmed before definitive therapy.

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

Disclaimer: All Results released pertain to the specimen submitted to the lab

- 1. Test results are dependent on the quality of the sample received by the lab
- 2. Tests are performed as per schedule given in the test listing and in any unforeseen circumstances, report delivery may be delayed
- 3. Test results may show interlaboratory variations
- 4. All dispute and claims are subjected to local jurisdiction only. Clinical correlation advised.
- 5. Test results are not valid for medico legal purposes
- 6. For all queries, feedbacks, suggestions, and complaints, please contact customer care support +0124 665 0000



MBBS, MD Pathology

MBBS, MD, PDCC Liver Pathology Senior Consultant, Surgical Pathology HMC Rg. No-HN010336





Age / Gender: 39 years / Female

MR No. / IPD No. : MED-1210202401 /

Patient Type / Bed No. : I /

Referred By: ARCOFEMI HEALTH CARE

PVT.LIMITED ( MEDIWHEEL )

Method: Whole Blood, Calculated



Registration Time: Oct 12, 2024, 10:56 a.m.

**Receiving Time :** Oct 12, 2024, 01:15 p.m. **Reporting Time :** Oct 12, 2024, 03:58 p.m.



Panel: Dr Arcofemi Health Care PVT.limited (

MediWheel)

Client Code: ACROFEMI HEALTH CARE PVT.

LTD. (MEDIWHEEL)

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

# **HAEMATOLOGY**

Outside the control of the DDO control of the TLO DLO DIATEIET FOR			_
Complete Haemogram - Hb RBC count and	d indices, TLC, DL	.C, PLATELET, ES	<u>5R.</u>
Hemoglobin (Hb)	11.6	g/dL	12.0 - 15.0
Method: Whole Blood, SLS-haemoglobin			
Erythrocyte (RBC) Count	3.96	x 10^6/uL	3.8 - 4.8
Method : Whole Blood, DC detection			
HCT	35.4	%	36 - 46
Method : Whole Blood, RBC pulse height detection			
Mean Cell Volume (MCV)	89.4	fL	83 - 101
Method : Whole Blood, Electrical Impedence			
Mean Cell Haemoglobin (MCH)	29.3	pg	27 - 32
Method : Whole Blood, Calculated			
Mean Corpuscular Hb Concn. (MCHC)	32.8	g/dL	32.0 - 35.0
Method: Whole Blood, Calculated	10.0	0/	44.0.44.0
Red Cell Distribution Width (RDW) CV	13.0	%	11.6 - 14.0
Method : Whole Blood, Calculated	6.4	x 10^3 /uL	4 - 10
Total Leucocytes (WBC) Count	0.4	X 10.3/UL	4 - 10
Method : Whole Blood, Flow cytometry			
DLC (Differential Leucocytes Count)			
Neutrophils	55.8	%	40 - 80
Method : Whole Blood, Fluorescence /Flowcytometry/			
Microscopy	36.7	%	20 - 40
Lymphocytes	30.7	70	20 - 40
Method : Whole Blood, Fluorescence /Flowcytometry/ Microscopy			
Monocytes	4.2	%	2 - 10
Method : Whole Blood, Fluorescence /Flowcytometry/	·· <del>-</del>	,,	0
Microscopy			
Eosinophils	3.0	%	1 - 6
Method : Whole Blood, Fluorescence /Flowcytometry/			
Microscopy			
Basophils	0.3	%	0 - 2
Method : Whole Blood, Fluorescence /Flowcytometry/			
Microscopy	0.57	4000/-1	00.70
Absolute Neutrophil Count	3.57	x 10^3/uL	2.0 - 7.0
Method: Whole Blood, Calculated	0.05	v 1000/vl	1 0
Absolute Lymphocyte Count	2.35	x 10^3/uL	1 - 3
Method : Whole Blood, Calculated	0.27	x 10^3u/L	0.2-1.0
Absolute Monocyte Count	0.27	x IU^3u/L	0.2-1.0
Method : Whole Blood, Calculated Absolute Eosinophil Count	0.19	x 10^3/uL	0.02 - 0.5
Absolute Eosillophii Oodiit	0.13	A TO J/UL	0.02 - 0.5





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LTD. (MEDIWHEEL)

Test Description Absolute Basophils Count	Value(s) 0.02	<b>Unit(s)</b> x 10 <sup>°</sup> 3/uL	Reference Range 0.02 - 0.1	
Method : Whole Blood, Calculated				
Platelet Count	153	x 10^3/uL	150 - 410	
Method : Whole Blood, DC Detection				
ESR - Erythrocyte Sedimentation Rate	03	mm/hr	<20	
Method: Whole blood. Modified Westergren Method				

### Interpretation:

MD Pathology Senior Consultant Pathology DMC No: 4910

It indicates presence and intensity of an inflammatory process. It is a prognostic test and used to monitor the course or response to treatment of diseases like tuberculosis, acute rheumatic fever,. It is also increased in multiple myeloma, hypothyroidism.

Tests done on Automated Six Part Cell Counter.

\*\*END OF REPORT\*\*

66A/3, Pal Mohan Bhawan, New Rohtak Road, New Delhi-110005
Phone: 011-47774391, 9810621005 Email: reports@malvindkagnostics.com
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LTD. (MEDIWHEEL)

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

# **CLINICAL PATHOLOGY**

## **Urine Glucose (Fasting & PP)**

Glucose Fasting (Urine) Negative Negative

Method: Oxidase Reaction/ Manual **Glucose Post Prandial (Urine)** 

Method: Oxidase Reaction/ Manual

Negative Negative

\*\*END OF REPORT\*\*

Senior Consultant Pathology DMC No: 4910



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**Receiving Time :** Oct 12, 2024, 01:15 p.m. **Reporting Time :** Oct 12, 2024, 02:44 p.m.

241012066

Panel: Dr Arcofemi Health Care PVT.limited (

MediWheel)

Client Code: ACROFEMI HEALTH CARE PVT.

LTD. (MEDIWHEEL)

Test Description	Value(s) IMMUN	Unit(s) IOLOGY	Reference Range	
	IMMUN	<u>IOLOGY</u>		
T3, T4, TSH ( Thyroid Profile Total),	<u>Serum</u>			
(Triiodothyronine) T3-Total	1.29	ng/mL	0.80 - 2.00	
Method : ECLIA				
(Thyroxine) T4-Total	10.55	ug/dL	5.10 - 14.10	
Method : ECLIA				
TSH-Ultrasensitive	1.53	uIU/mL	0.27-4.20	
Method : ECLIA				
Interpretation				

The Biological reference interval provided is for Adults.

For age specific reference interval, please refer to the table given below.

TSH	13/F13	14/F14	Interpretation
High	Normal	Normal	Subclinical Hypothyroidism
Low	Normal		Subclinical Hyperthyroidism
High			Secondary Hypothyroidism
Low	High/Normal		Hyperthyroidism
Low	Low	Low	Non Thyroidal illness/Secondary  Hyperthyroidism

TSH (mU/mL)				
	New Born	0.7	15.2	
	6 days - 3 Months	0.72	11	
Childern	4 -12 Months	0.73	8.35	
Simueiti	1-6 Years	0.7	5.97	
	7-11 Years	0.6	4.84	
	12-20 years	051	4.3	
Adults		0.27	4.20	

TSH levels are subjected to circadian variation, rising several hours before the onset of sleep, reaching peak levels between 11 pm and 6 am. Nadir concentration are observed during the afternoon. diurnal variation in TSH levels is approx 50%+/-, hence time of the day can influence the measured serum concentration.

\*\*END OF REPORT\*\*



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



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LTD. (MEDIWHEEL)

Test Description Value(s) Unit(s) Reference Range HAEMATOLOGY

# **HAEMATOLOGY**

# **Blood Group (ABO)**

**Blood Group** 

"A"

Method : Forward and Reverse by Slide method

RH Factor

Positive

### Methodology

This is done by forward and reverse grouping by slide agglutination method.

#### Interpretation

Newborn baby does not produce ABO antibodies until 3 to 6 months of age. So the blood group of the Newborn baby is done by ABO antigen grouping (forward grouping) only, antibody grouping (reverse grouping) is not required. Confirmation of the New-born's blood group is indicated when the A and B antigen expression and the isoagglutinins are fully developed (2–4 years).

\*\*END OF REPORT\*\*

MD Pathology Chief Consultant, Pathology DMC No: 43012





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Interpretation:



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LTD. (MEDIWHEEL)

Test Description	Value(s) BIOCHEI	Unit(s)	Reference Range	
BIOCHEMISTRY				
LFT (Liver Function Test, Serum)				
Total Protein	7.3	g/dL	6.4-8.3	
Method : Biuret Method				
Albumin	4.3	g/dL	3.5 - 5.2	
Method : Bromocresol Green				
Globulin	3	g/dL	1.8 - 3.6	
Method : Calculated				
A/G Ratio	1.43	ratio	1.2 - 2.2	
Method : Calculated				
SGOT	108	U/L	0 to 32	
Method : IFCC without Pyridoxal Phosphate				
SGPT	148	U/L	0 to 33	
Method : IFCC without Pyridoxal Phosphate				
Alkaline Phosphatase-ALP	2	U/L	35-104	
Method : PNP AMP Kinetic				
GGT-Gamma Glutamyl Transferase	88	U/L	0 to 40	
Method : IFCC				
Bilirubin Total	1.00	mg/dL	0.0-0.90	
Method : Colorimetric Diazo Method				
Bilirubin - Direct	0.50	mg/dL	Adults and Children: < 0.30	
Method : Colorimetric Diazo Method				
Bilirubin - Indirect	0.50	mg/dL	0.1 - 1.0	
Method : Calculated				

SGOT/ SGPT: Increased in Acute viral hepatitis, Biliary tract obstruction (cholangitis, choledocholithiasis), Alcoholic hepatitis and Cirrhosis, liver abscess, metastatic or primary liver cancer; non-alcoholic steatohepatitis; right heart failure. Decreased in Pyridoxine (vit B6) deficiency.

**Alkaline Phosphatase:** Increased in Obstructive hepatobiliary disease, Bone disease (physiologic bone growth, Paget disease, Osteomalacia, Osteogenic sarcoma, Bone metastases), Hyperparathyroidism, Rickets, Pregnancy (third trimester). Decreased in Hypophosphatasia.

GGT: Increased in Liver disease Acute viral or toxic hepatitis, Chronic or subacute hepatitis, Alcoholic hepatitis, Cirrhosis, Biliary tract obstruction.

**Protein:** Moderate-to-marked hyperproteinemia maybe due to multiple myeloma and other malignant paraproteinemias, Hypoproteinemia may be due to decreased production or increased protein loss.

**Albumin:** Increased in Dehydration, Shock, Hemoconcentration. Decreased in hepatic synthesis(Chronic liver disease, malnutrition, malabsorption, malignancy), Increased losses (Nephrotic syndrome, Burns, Trauma, Hemorrhage with fluid replacement, acute or chronic glomerulonephritis), Hemodilution (pregnancy, CHF) and Drugs (estrogens).

**Bilirubin:** A substance produced during the normal breakdown of red blood cells. Elevated levels of bilirubin (jaundice) might indicate liver damage or disease or certain types of anemia.

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

\*\*END OF REPORT\*\*





Age / Gender: 39 years / Female

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LTD. (MEDIWHEEL)

Test Description	Value(s) <u>BIOCHE</u>	Unit(s) MISTRY	Reference Range
	BIOCHE		
<u>Lipid Profile,Serum</u>			
Cholesterol-Total	149	mg/dL	Desirable: <= 200
Method : Enzymatic Colorimetric,CHOD-POD			Borderline High: 201-239
			High: > 239
			Ref: The National Cholesterol
			Education Program (NCEP) Adult
			Treatment Panel III Report.■■■■■
Triglycerides	97	mg/dL	Normal: < 150
Method : Enzymatic Colorimetric ,GOD-POD			Borderline High: 150-199
			High: 200-499
			Very High: >= 500
Cholesterol-HDL Direct	35	mg/dL	No Risk - >65 mg/dL
Method : CHOD-POD (Homogenous Enzymatic)			Moderate risk - 45-65 mg/dL
			High risk - < 45 mg/dL
LDL Cholesterol	94.60	mg/dL	Optimal: < 100
Method : Calculated			Near optimal/above optimal: 100-129
			Borderline high: 130-159
			High: 160-189
			Very High: >= 190
Non - HDL Cholesterol, Serum	114	mg/dL	Desirable: < 130 mg/dL
Method : Calculated			Borderline High: 130-159mg/dL
			High: 160-189 mg/dL
			Very High: > or = 190 mg/dL
VLDL Cholesterol	19.40	mg/dL	0 - 30
Method : Serum, Calculated			
CHOL/HDL RATIO	4.26	Ratio	3.5 - 5.0
Method : Calculated	0.70	5	B : 11 /1 : 1 05 00
LDL/HDL RATIO	2.70	Ratio	Desirable / low risk - 0.5 -3.0
Method : Calculated			Low/ Moderate risk - 3.0- 6.0
		<b>5</b>	Elevated / High risk - > 6.0
HDL/LDL RATIO	0.37	Ratio	Desirable / low risk - 0.5 -3.0
Method : Calculated			Low/ Moderate risk - 3.0- 6.0
			Elevated / High risk - > 6.0
Note: 10-12 hours fasting sample is required.			





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LTD. (MEDIWHEEL)

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

\*\*END OF REPORT\*\*





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LTD. (MEDIWHEEL)

Test Description	Value(s) BIOCH	Unit(s) EMISTRY	Reference Range	
	<u></u>	EMISTRY		
KFT (Renal Function Test,Serum)				
Urea	19.8	mg/dL	16.6-48.5	
Method : kinetic (urease-GLDH)				
BUN	9.25	mg/dL	6-20	
Method : Calculated				
Creatinine	0.70	mg/dL	0.30-1.10	
Method : Kinetic Colorimetric (Jaffe Method)				
Uric Acid	5.0	mg/dL	2.4-5.7	
Method : Enzymatic Colorimetric: Uricase-POD				
Sodium	139	mmol/L	136 - 145	
Method : ISE Direct				
Potassium	4.4	mmol/L	3.5 - 5.1	
Method : ISE Direct				
Chloride	106	mmol/L	98 - 107	
Method : ISE Direct				
Interpretation:				

Urea:- Increased in renal diseases,urinary obstructions, shock, congestive heart failure .Decreased in liver failure and pregnancy.

Creatinine: Elevated in renal dysfunction, reduced renal blood flow shock, dehydration, Congestive heart failure, Diabetes Acromegaly. Decreased levels are found in Muscular Dystrophy.

Uric acid:- Increased in Gout, Arthiritis, impaired renal functions and starvation. Decreased in Wilson's disease, Fanconis Syndrome and Yellow Atrophy of Liver.

**Sodium:-**Increased in Excessive dietary salt ,Diuretic therapy,Adrenal insufficiency,Salt-wasting nephropathy and Vomiting.Decreased levels are seen in Hyperaldsteronism ,Hyponatremia,Prerenal Azotemia,Renal Failure and Glomerulonephritis.

**Potassium:**- Low levels is common in vomiting, diarrhea, alcoholism, and folic acid deficiency. Increase level are seen in end-stage renal failure, hemolysis, trauma, Addison's disease, metabolic acidosis, acute starvation, dehydration, and with rapid potassium infusion.

**Chloride:-** Increased in dehydration, renal tubular acidosis, acute renal failure, metabolic acidosis, diabetes insipidus, adrenocortical hyperfuction. Decreased in overhydration, chronic respiratory acidosis, salt-losing nephritis, metabolic alkalosis.

\*\*END OF REPORT\*\*





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LTD. (MEDIWHEEL)

Test Description Value(s) Unit(s) Reference Range BIOCHEMISTRY 1

# **BIOCHEMISTRY**

## Glucose (Fasting)

Glucose Fasting 96 mg/dL Normal: 72-106

Method: Plasma, Enzymatic Hexokinase

Impaired Tolerance: 100-125
Diabetes mellitus: >= 126
(on more than one occassion)
(American diabetes association

guidelines 2018)

## Interpretation

MD Pathology of Consultant, Pathology DMC No: 43012

Glucose is the major carbohydrate present in the peripheral blood. Oxidation of glucose is the major source of cellular energy in the body. The concentration of glucose in blood is controlled within the narrow limits by many hormones, the most important of which are produced by the pancreas. The most frequent cause of hyperglycaemia is diabetes mellitus resulting from deficiency in insulin secretion or action. These include pancreatitis, thyroid dysfunction, renal failure, and liver disease. Hypoglycaemia is less frequently observed. A variety of conditions may cause low blood glucose levels such as insulinoma, hypopituitarism, or insulin induced hypoglycaemia.

\*\*END OF REPORT\*\*

66A/3, Pal Mohan Bhawan, New Rohtak Road, New Deihi-110005

Phone: 011-47774391, 9810621005 Email: reports@malvindiagnostics.com

Please correlate the test results with clinical history of the patient. Not for medico-legal purpose.





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LTD. (MEDIWHEEL)

Test Description Value(s) Unit(s) Reference Range BIOCHEMISTRY 1

# **BIOCHEMISTRY**

## Glucose (PP)

Blood Glucose-Post Prandial 98 mg/dL 70 - 140

Method: Plasma, Enzymatic Hexokinase

Interpretation

MD Pathology Senior Consultant Pathology DMC No: 4910

Glucose is the major carbohydrate present in the peripheral blood. Oxidation of glucose is the major source of cellular energy in the body. The concentration of glucose in blood is controlled within the narrow limits by many hormones, the most important of which are produced by the pancreas. The most frequent cause of hyperglycaemia is diabetes mellitus resulting from deficiency in insulin secretion or action. These include pancreatitis, thyroid dysfunction, renal failure, and liver disease. Hypoglycaemia is less frequently observed. A variety of conditions may cause low blood glucose levels such as insulinoma, hypopituitarism, or insulin induced hypoglycaemia.

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Absent

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Client Code: ACROFEMI HEALTH CARE PVT.

LTD. (MEDIWHEEL)

Test Description Value(s) Unit(s) Reference Range CLINICAL PATHOLOGY

## **CLINICAL PATHOLOGY**

# Urine (RE/ME)

**Physical Examination:** 

Volume 20 mL

Method : Visual Observation

Colour Pale Yellow Pale Yellow

Method : Visual Observation

Transparency (Appearance)

Clear

Transparency (Appearance) Clear Clear

Method: Visual Observation

Deposit

Method : Visual Observation

Reaction (pH) 6.0 4.5 - 8.0

Method : Double Indicator method

Specific Gravity 1.010 1.030

Absent

Method : Ionic Concentration

Chemical Examination (Dipstick Method) Urine

Urine Protein Absent Absent

Method: Protein Ionisation/ Manual

Urine Glucose (sugar) Absent Absent

Method : Oxidase Reaction/ Manual

Blood (Urine) Absent Absent

 $Method: Peroxidase\ Reaction$ 

Microscopic Examination Urine

Pus Cells (WBCs) **4 - 6** /hpf 0 - 5

Method : Microscopy
Epithelial Cells 2 - 3 /hpf 0 - 4

Method : Microscopy

Red blood Cells Absent /hpf Absent

Method : Microscopy

Crystals Absent Absent

Method : Microscopy

Cast Absent Absent

Method : Microscopy

Yeast Cells Absent Absent Absent

Method : Microscopy

Amorphous Material Absent Absent Absent

Bacteria Absent Absent

Method : Microscopy

Others Absent





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**Receiving Time :** Oct 12, 2024, 01:19 p.m. **Reporting Time :** Oct 12, 2024, 02:44 p.m.



Panel: Dr Arcofemi Health Care PVT.limited (

MediWheel )

Client Code: ACROFEMI HEALTH CARE PVT.

LTD. (MEDIWHEEL)

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

Remarks:-

Epithelial cells	Urolithiasis bladder carcinoma or hydronephrosis ,ureteric stents or bladdercatheters for prolonged periods of time.
Granular casts	Low intratubular pH,high urine osmolality and sodium concentration, interaction with Bence-Jones protein
Hyaline casts	Physical stress, fever, dehydration,acute congestive heart failure, renal diseases.
Calcium Oxalate	Metabolic stone disease, primary or secondary hyperoxaluria, intravenous infusion of large doses of VitaminC, the use of vascodilator naftidrofuryl oxalate or the gastrointestinal lipase inhibitor orlistat, ingestion of ethylene glycol or of star fruit( A verrhoa carambola)or its juice
Uric acid	Artharitis
Bacteria	Urinary infection when present in significant numbers and with pus cells.
Trichomonas vaginalis	Vaginitis, cervicitis or salpingitis

\*\*END OF REPORT\*\*



: Mrs.PRIYA Name Centre Details :MALVIN DIAGNOSTICS Age : 39 Yrs Sex: Female Accession.ID :SDL2410130003

Collection Date : 12/Oct/2024 03:19PM Referred By :DR GYNAE UNIT

: 13/Oct/2024 12:55PM Report Date :15/Oct/2024 02:21PM Registration Date: 13/Oct/2024 Ref. No./TRF No.

### **DEPARTMENT OF CYTOLOGY**

### **Conventional PAP Smear**

Received Date

Smear

**SPECIMEN DETAILS:** LAB. NO.: C/5767/24

Conventional PAP smear One unstained smear.

**CLINICAL DETAILS:** 

P/S Cervix healthy.

**REPORTING MODE:** 

By Bethesda System 2014

### ADEQUACY:

Satisfactory for evaluation.

Endocervical/transformation zone component present

#### **MICROSCOPY**:

Smear shows many intermediate cells, superficial squamous cells, metaplastic squamous cells. and moderate number of neutrophils. Leucophagocytosis is seen. Shift in flora seen.

### **IMPRESSION**:

Negative for any intraepithelial lesion or malignancy.

Reactive cellular changes associated with inflammation seen.

### **DISCLAIMER**

Gynaecological cytology is a screening test that aids in the detection of cervical cancer and cancer precursors. Both false positive and false negative results can occur. The test should be used at regular intervals, and positive results should be confirmed before definitive therapy.

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

Disclaimer: All Results released pertain to the specimen submitted to the lab

- 1. Test results are dependent on the quality of the sample received by the lab
- 2. Tests are performed as per schedule given in the test listing and in any unforeseen circumstances, report delivery may be delayed
- 3. Test results may show interlaboratory variations
- 4. All dispute and claims are subjected to local jurisdiction only. Clinical correlation advised.
- 5. Test results are not valid for medico legal purposes
- 6. For all queries, feedbacks, suggestions, and complaints, please contact customer care support +0124 665 0000



MBBS, MD Pathology

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