

| | | | |
|---|-------------------|---|-----------------------|
| Patient Name : Mrs. GURPRIT KAUR | UHID | : | 34049 |
| Age / Gender : 47 / Female | IPNO | : | |
| Referred By : Dr. PRATIBHA PUNDHIR | Requisitions | : | 13/03/2023 / 9.22 AM |
| Req.No : 2319634 | Sample collection | : | 13/03/2023 |
| Patient Type : OPD | Sample Receiving | : | 13/03/2023 |
| | Reported on | : | 13/03/2023 / 11.52 AM |

BIOCHEMISTRY

BLOOD GROUP And RH TYPE

Specimen Type :

BIOLOGICAL

| TEST NAME | RESULT | UNITS | REF. INTERVAL | METHOD |
|--------------------|-------------------|-------|---------------|---|
| Blood Group | " B " RH POSITIVE | | | MATRIX GEL ABO/Rho (D) FORWARD & REVERSE GROUPING |

-**** **End of Report** ****-

Please Correlate With Clinical Findings

Lab Technician **Dr. GAURVI PIPLANI**
MD (Pathology)

Dr. KANIKA GUPTA
MD (Pathology)

Patient Name : Mrs. GURPRIT KAUR
Age / Gender : 47 / Female
Referred By : Dr. PRATIBHA PUNDHIR
Req.No : 2319634
Patient Type : OPD

UHID : 34049
IPNO :
Requisitions : 13/03/2023 / 9.22 AM
Sample collection : 13/03/2023
Sample Receiving : 13/03/2023
Reported on : 13/03/2023 / 12.24 PM

BIOCHEMISTRY

BLOOD SUGAR FASTING

| Specimen Type | BIOLOGICAL | | | |
|---------------------------------|-------------------|--------------|------------------|--------------------|
| TEST NAME | RESULT | UNITS | REFERENCE | METHOD |
| Plasma glucose(fasting.) | 88.51 | mg/dl | 70 - 110 | GOD-POD Hexokinase |

****** End of Report ******

Please Correlate With Clinical Findings

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MD (Pathology)

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Reported on : 13/03/2023 / 5.07 PM

BIOCHEMISTRY

BLOOD SUGAR RANDOM

| Specimen Type | BIOLOGICAL | | | |
|-----------------------|-------------------|--------------|------------------|--------------------|
| TEST NAME | RESULT | UNITS | REFERENCE | METHOD |
| Glucose Random | 92.36 | mg/dL | 70 - 140 | GOD-POD Hexokinase |

Note: Random Glucose refers to levels between meals with a minimum time lapse of 2 hours.

-** End of Report ****-**

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Reported on : 13/03/2023 / 3.38 PM

BIOCHEMISTRY

BSPP (BLOOD SUGAR PP)

Specimen Type

BIOLOGICAL

| TEST NAME | RESULT | UNITS | REFERENCE | METHOD |
|--------------------------------------|---------------|--------------|------------------|--------------------|
| FASTING PP | | | | |
| Plasma Glucose(POST Prandial) | 109.05 | mg/dl | 90 - 140 | GOD-POD Hexokinase |

*Results of these tests should always be interpreted in conjunction with patients medical history, clinical presentation and other findings.

*Performed on fully Automated Dimension X-Pand plus BioChemistry Analyser.

*External Quality Control by Biorad Laboratory.

-** End of Report ****-**

Please Correlate With Clinical Findings

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 MD (Pathology)

Dr. KANIKA GUPTA
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| | Reported on | : 13/03/2023 / 12.26 PM |

HAEMATOLOGY

COMPLETE HAEMOGRAM (CBC ESR)

Specimen Type : Whole Blood

| TEST NAME | RESULT | UNITS | REF. INTERVAL | BIOLOGICAL METHOD |
|-------------------------------------|-------------|----------------|---------------|--------------------------|
| Haemoglobin | 11.0 | gm/dl | 11.5 - 16.5 | Cyanide-Free Colorimetry |
| Total Leucocyte Count | 5100 | | 4000 - 11000 | Impedance Variation |
| <u>DIFFERENTIAL COUNT</u> | | | | |
| Neutrophils. | 58 | % | 40.0 - 75.0 | Flow Cytometry |
| Lymphocytes. | 27 | % | 20.0 - 45.0 | Flow Cytometry |
| Monocytes | 08 | % | 2.0 - 10.0 | Flow Cytometry |
| Eosinophils. | 07 | % | 0.0 - 4.0 | Flow Cytometry |
| Basophils | 00 | % | 0.0 - 1.0 | Flow Cytometry |
| Platelet Count | 2.49 | 1000/cumm | 1.50 - 4.50 | Electrical Impedance |
| RED BLOOD CELL COUNT | 4.54 | millions/cum m | 3.5 - 5.5 | Electrical Impedance |
| PACKED CELL VOLUME | 37.5 | % | 36 - 46 | Calculated |
| MEAN CORPUSCULAR VOLUME | 82.7 | fL | 76 - 96 | Measured |
| MEAN CORPUSCULAR HAEMOGLOBIN | 24.2 | pg | 27 - 32 | Calculated |
| MEAN CORPUSCULAR Hb CONC | 29.3 | gm/dl | 33 - 37 | Calculated |

-**** End of Report ****-

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Reported on : 13/03/2023 / 3.34 PM

HAEMATOLOGY

HBA1C

Specimen Type

| TEST NAME | RESULT | UNITS | BIOLOGICAL | |
|--|--------|-------|--|--|
| | | | REFERENCE | METHOD |
| Glycosylated Haemoglobin (Hb A1c) | 5.9 | % | NON DIABETIC:<5.7 PRE DIABETIC:5.7 - 6.4DIABETIC S: >OR 6.5ADA | Latex immunoagglutination inhibition methodology |

*Done on DCA Vantage

*Results of these tests should always be interpreted in conjunction with patients medical history, clinical presentation and other findings.

*The results of HbA1c are not influenced by recent meals , physical activity or emotional stress.

****** End of Report ******

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Reported on : 13/03/2023 / 12.25 PM

BIOCHEMISTRY

KFT(KIDNEY FUNCTION TEST)/RFT/Renal Profile

| Specimen Type | Serum | BIOLOGICAL | | | |
|-------------------------|---------------|-------------------|-------------------------|-----------------------------------|--|
| TEST NAME | RESULT | UNITS | REFERENCE | METHOD | |
| Urea Creatinine | | | | | |
| Serum Urea | 17.75 | mg/dl | 13 - 45 | UreaseGLDH | |
| Serum Creatinine | 0.95 | mg/dL | Male: 0.6 - 1.3 | Modified JAFFEs | |
| Serum Uric Acid | 3.21 | mg/dl | Adult Female: 2.6 - 6.0 | Uricase Trinder, End Point (Toos) | |
| Serum Sodium | 132.5 | meq/l | 135 - 155 | ISE Indirect | |
| Serum Potassium | 4.11 | meq/l | 3.5 - 5.6 | ISE Indirect | |

*Results of these tests should always be interpreted in conjunction with patients medical history, clinical presentation and other findings.

*Performed on fully Automated Dimension X-Pand plus BioChemistry Analyser.

*External Quality Control by Biorad Laboratory.

****** End of Report ******

Please Correlate With Clinical Findings

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BIOCHEMISTRY

LFT(LIVER FUNCTION TEST)

| Specimen Type | Serum | BIOLOGICAL | | | |
|-----------------------------|---------------|-------------------|------------------|------------------------------------|--|
| TEST NAME | RESULT | UNITS | REFERENCE | METHOD | |
| TOTAL BILIRUBIN | 0.51 | mg/dL | 0.1 - 1.2 | Diazotized Sulphanilic Acid | |
| DIRECT BILIRUBIN | 0.26 | mg/dL | 0.00 - 0.20 | Diazotized Sulphanilic Acid | |
| INDIRECT BILIRUBIN | 0.25 | mg/dL | 0.0 - 0.9 | Diazotized Sulphanilic Acid | |
| SGOT (AST) | 19.03 | IU/L | 0 - 35 | IFCC WPP AMP | |
| SGPT (ALT) | 10.32 | IU/L | 5 - 40 | IFCC WPP AMP | |
| Alkaline Phosphatase | 89.86 | IU/L | Adult: 50 - 136 | Modified IFCC | |
| Total Protein | 6.67 | g/dl | 6.4-8.2 | Biuret Endpoint | |
| Albumin - Serum | 4.03 | g/DL | 3.2 - 5.0 | Photometric Column test BCG Dye | |
| Globulin | 2.64 | gms% | 2.3 - 4.5 | | |
| A/G Ratio | 1.53 | | | Calculated | |

*Results of these tests should always be interpreted in conjunction with patients medical history, clinical presentation and other findings.

-** End of Report ****-**

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BIOCHEMISTRY

LIPID PROFILE.(TOTAL CHOLESTEROL,LDL,HDL,TREIGYLCERIDES)

| Specimen Type | BIOLOGICAL | | | |
|----------------------------|-------------------|--------------|--|--------------------|
| TEST NAME | RESULT | UNITS | REFERENCE | METHOD |
| LIPID PROFILE | | | | |
| SERUM CHOLESTROL | 160.83 | mg/dl | 0 - 200 | Cholestrol Oxidase |
| Serum Triglycerides | 85.36 | mg/dl | Up to 150 | GPO -Trinder |
| HDL Cholesterol | 48.45 | mg/dl | 0 - >60 | Direct Method |
| LDL Cholesterol | 95.31 | mg/dl | Optimal <100,Above Opt. 100-129 -high 160-189 | Direct Measure |
| VLDL Cholesterol | 17.07 | mg/dL | *Less than 30 | Calculated |

*Automated Direct HDL And LDL Estimation.

*Results of these tests should always be interpreted in conjunction with patients medical history, clinical presentation and other findings.

-** End of Report ****-**

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IMMUNOLOGY

THYROID PROFILE

| Specimen Type | BIOLOGICAL | | | |
|--|-------------------|--------------|------------------|---------------|
| TEST NAME | RESULT | UNITS | REFERENCE | METHOD |
| Tri-iodothyronine (T3) | 1.11 | ng/mL | 0.69 - 2.15 | CLIA |
| Thyroxine (T4) | 76.8 | ng/mL | 52 - 127 | CLIA |
| Thyroid Stimulating Hormone (TSH) | 3.80 | μIU/mL | 0.3 - 4.5 | CLIA |

****** End of Report ******

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Reported on : 13/03/2023 / 1.53 PM

CLINICAL PATHOLOGY

URINE ROUTINE MICROSCOPY

| Specimen Type | BIOLOGICAL | | | |
|------------------------------------|-------------------|--------------|------------------|---|
| TEST NAME | RESULT | UNITS | REFERENCE | METHOD |
| <u>PHYSICAL EXAMINATION</u> | | | | |
| volume | 20 | ml | | |
| colour | Pale Yellow | | Pale Yellow | |
| Appearance | Clear | | Clear | |
| Specific Gravity | 1.025 | | | Polyelectrolytes Ionic |
| reaction | Acidic | | Acidic | |
| pH -Urine | 6.0 | | | PH paper |
| Blood | Negative | | Negative | |
| Albumin | NIL | | NIL | Protein-error-of-Indicator/Sulphosalicylic Acid |
| Glucose | NIL | | NIL | GODPOD/Benedicts |
| Urine Ketone | Negative | | Negative | Sodium nitroprusside |
| Bile Salt | NIL | | NIL | |
| Bile Pigment | NIL | | NIL | Diazo/Fouchets Test |
| Urobilinogen | NIL | | NIL | Elrich Aldehyde |

****** End of Report ******

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CLINICAL PATHOLOGY

MICROSCOPIC EXAMINATION

| | | | |
|---------------------------------|-----|-----------|-------------|
| PUS CELLS - URINE | 2-3 | | |
| Red blood cells | Nil | NIL | |
| Epithelial Cells - Urine | 1-2 | 4---5/HPF | |
| Casts | NIL | NIL | Microscopic |
| Crystals. | NIL | NIL | Microscopic |

Albumin test positive by Multistrip Method is confirmed by Sulphosalicylic acid method.

-* End of Report ***-**

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