



BLOOMING LIVES FOUNDATION



सर्वोच्च न्यायालय
Government of India



जफरुद्दीन

Zafruddin

जन्म तिथि / DOB : 04/02/1988

पुरुष / Male

BLOOMING LIVES FOUNDATION

6904 9987 3010

मेरा आधार, मेरी पहचान

सफदरजंग अस्पताल, नई दिल्ली-110029
SAFDARJUNG HOSPITAL, NEW DELHI-110029

नैदानिक विकृति विज्ञान (रूधिर विज्ञान)
CLINICAL PATHOLOGY (FLUIDS & EXCRETIONS)

नाम/Name Hamya तारीख/Date 9/12

उम्र/Age 3.5 Y लिंग/Sex M

रजि. नं./Regn. No./M.R.D. No. 173682

यूनिट/Unit _____ बा.से.वि./O.P.D. _____

वार्ड नं./Ward No. _____ शय्या संख्या/Bed No. BSW-3

अपेक्षित जांच/INVESTIGATION REQUIRED _____

CKS

नैदानिक टिप्पणी/Clinical Notes :

LDH... 307 ... 106-211 U/L

ELECTROLYTES

| विद्युतलेशक / Serum Electrolytes | Value | Reference Range |
|----------------------------------|-------------|------------------|
| सोडियम / Sodium | <u>129</u> | mEq/L (136-145) |
| पोटेशियम / Potassium | <u>4.6</u> | mEq/L (3.5-5.5) |
| कैल्शियम / Calcium | <u>9.8</u> | mEq/L (9.8-10.6) |
| क्लोराइड / Chloride | <u>37.0</u> | mEq/L (17-46) |
| ग्लूकोज / Glucose | <u>0.45</u> | mg/dL (10.6-1.1) |
| यूरिक एसिड / Uric Acid | <u>0.4</u> | mg/dL |
| बिलिरुबिन / Bilirubin | <u>0.1</u> | mg/dL |
| एल.टी. / ALT | <u>32</u> | U/L |
| एल.टी. / AST | <u>23</u> | U/L |
| एल.टी. / ALP | <u>76</u> | U/L |
| टोटल प्रोटीन / TOTAL PROTEIN | <u>4.7</u> | g/dL |
| एल.बी. / ALBUMIN | <u>2.4</u> | g/dL |
| ग्लोबुलिन / GLOBULIN | <u>2.3</u> | g/dL |

BLOOMING LIVES FOUNDATION

DR. SHIKHA
Senior Resident
Safdarjung Hospital
New Delhi-110029

हस्ताक्षर/Signature _____
चिकित्सा अधिकारी का नाम एवं मुहर
Name of Medical Officer with Seal

9/12/24

| Name of the Test (Methods) | Result | Reference Range |
|---|--------|--|
| Total Urinary Volume | | |
| 24 hours Urinary Creatine (Alkaline Picrate (Jaffe) Kinetic, Compensated) | | Male - 14 - 25 Female - 11 - 20 |
| Spot Urine Creatine (Alkaline Picrate (Jaffe) Kinetic, Compensated) | | Male - 20 - 370 Female - 20 - 370 |
| 24 hours Urinary Protein (Pyrogallol red method) | | <300 (NKF K-DOQI Guidelines) |
| Spot Urine Protein (Pyrogallol red method) | | 0 - 14 (NKF K-DOQI Guidelines) |
| Spot Urine Protein: Creatinine Ratio | | <250 (NKF K-DOQI Guidelines) |
| 24 hours Urinary Microalbumin (Immuno-turbidimetric) | | <30 (NKF K-DOQI Guidelines) |
| Spot Urine Microalbumin (Immuno-turbidimetric) | | <30 (NKF K-DOQI Guidelines) |
| Spot Urine Albumin: Creatinine Ratio | | <30 (NKF K-DOQI Guidelines) |
| 24 hours Urine Urea (Urease, UV) | | Male <17 Female <25 (NKF K-DOQI Guidelines) |
| 24 hours Urine Uric Acid (Uricase, Colorimetric) | | 15 - 34.2 |
| 24 hours Urinary Glucose (AU, Hexokinase method/ADVIA; GOD-POD method) | | 250 - 750 (Average Diet) |
| Spot Urine Glucose (AU, Hexokinase method/ADVIA; GOD-POD method) | | 500 |
| 24 hours Urinary Calcium (Arsenazo III) | | 0 - 15 |
| 24 hours Urine Inorganic Phosphate (Phosphomolybdate method) | | Male <300 Female <250 |
| 24 hours Urinary Sodium (ISE Indirect) | | 0.4 - 1.3 |
| 24 hours Urinary Potassium (ISE Indirect) | | Male - 40 - 220 Female - 27 - 287 |
| 24 hours Urinary Chloride (ISE Indirect) | | 25 - 125 |
| TSF Glucose (Hexokinase method) | | 110 - 250 |
| F0:F Protein (Pyrogallol red method) | | Adults - 4 Infant/Child 15 (Child) (Child) |
| Blood Fluid Glucose (ADVIA; GOD-POD/Hexokinase method) | | |
| Blood Fluid Protein (Biuret) | | |

BLOOMING LIVES FOUNDATION

Report



DEFINITION OF BIOCHEMICAL PARAMETERS

ALP (Alkaline Phosphatase)

| | |
|---------------|----------------------|
| 0-1y | 134-518mg/dl (Serum) |
| 2-3y | 156-369mg/dl (Serum) |
| 3-5y | 144-327mg/dl (Serum) |
| 6-10y | 153-367mg/dl (Serum) |
| 11-15y male | 113-438mg/dl (Serum) |
| 11-15y female | 64-359mg/dl (Serum) |
| 16-21y male | 56-167mg/dl (Serum) |
| 16-21y female | 44-107mg/dl (Serum) |

Serum Calcium

Paediatric Range:

| | |
|--------|-----------------------|
| 0-1y | 8.5-11.0mg/dl (Serum) |
| 1-3y | 9.2-10.5mg/dl (Serum) |
| 3-5y | 9.4-10.6mg/dl (Serum) |
| 6-15y | 9.3-10.5mg/dl (Serum) |
| 16-19y | 9.2-10.4mg/dl (Serum) |

Serum Total Bilirubin

Paediatric Range:

| | |
|------------------|----------------|
| 0-1d(Premature) | 1.0-8.0mg/dl |
| 0-1d(Full Term) | 2.0-8.0mg/dl |
| 1-2d (Premature) | 6.0-12.0mg/dl |
| 1-2d(Full Term) | 6.0-10.0mg/dl |
| 3-5d(Premature) | 10.0-14.0mg/dl |
| 3.5d (Full Term) | 4.0-8.0mg/dl |

Serum Direct Bilirubin

Paediatric Range:

| | |
|-----------|----------------|
| 0-1d | 0.33-0.71mg/dl |
| 1-2d <1y | 0.05-0.30mg/dl |
| 1-2y | 0.05-0.20mg/dl |
| 3-5y | 0.10-0.29mg/dl |
| 6-15y, F | 0.10-0.39mg/dl |
| 16-21y, M | 0.11-0.42mg/dl |

Plasma Glucose

As per American Diabetes Association
The expected values for mm methods for adults are

| | |
|-------------------------|--------------|
| Plasma Glucose: | |
| Fasting: | 70-100 mg/dl |
| Post-prandial: | < 140 mg/dl |
| Random: | < 140 mg/dl |
| Urine: | < 0.5 g/day |
| CSF (Infants/children): | 60-70 mg/dl |
| CSF (Adult): | 40-70 mg/dl |

Paediatric Range:-

| | |
|---------------------|----------------------|
| New Born & Infants: | 30-10 mg/dl (Plasma) |
| Children: | 60-100mg/dl (Plasma) |

Serum Lipid Profile

As per NICEP, ATP III guidelines

| NATIONAL LIPID ASSOCIATION RECOMMENDATIONS (NLA-2014) | TOTAL CHOLESTROL IN mg/dl | TRIGLYCERIDE IN mg/dl | LDL CHOLESTROL IN mg/dl | HDL CHOLESTROL IN mg/dl |
|---|---------------------------|-----------------------|-------------------------|-------------------------|
| Optimal | <200 | <150 | <100 | <130 |
| Above Optimal | - | - | 100-129 | 130-159 |
| Borderline High | 200-239 | 150-199 | 130-159 | 160-189 |
| High | >=240 | 200-499 | 160-189 | >190 |
| Very high | - | >=500 | >=190 | >=190 |

| Name of the Test (Methods) | Result | Reference Range |
|---|--------|--|
| 24 hours Urinary Volume | | |
| 24 hours Urinary Creatinine (Alkaline Picrate (Jaffe) Kinetic, Compensated) | | Male - 14 - 25 Female - 11 - 20 |
| Spot Urine Creatinine (Alkaline Picrate (Jaffe) Kinetic, Compensated) | | Male - 20 - 370 Female - 25 - 370 |
| 24 hours Urinary Protein (Pyrogallol red method) | | <350 (NKF K-DOQI Guideline) |
| Spot Urine Protein (Pyrogallol red method) | | 0 - 14 (NKF K-DOQI Guideline) |
| Spot Urine Protein: Creatinine Ratio (Immuno-turbidimetric) | | <250 (NKF K-DOQI Guideline) |
| 24 hours Urinary Microalbumin (Immuno-turbidimetric) | | <30 (NKF K-DOQI Guideline) |
| Spot Urine Microalbumin (Immuno-turbidimetric) | | <30 (NKF K-DOQI Guideline) |
| Spot Urine Albumin: Creatinine Ratio | | <30 (NKF K-DOQI Guideline) |
| 24 hours Urine Urea (Urease, UV) | | Male <17 Female <25 (NKF K-DOQI Guideline) |
| 24 hours Urine Uric Acid (Uricase, Colorimetric) | | 15 - 34.2 |
| 24 hours Urinary Glucose (AU Hexokinase method/ADVIA GOD-POD method) | | 250 - 750 (Average Diet) |
| Spot Urine Glucose (AU Hexokinase method/ADVIA GOD-POD method) | | 500 |
| 24 hours Urinary Calcium (Arsenazo III) | | 0 - 15 |
| 24 hours Urine Inorganic Phosphate (Phosphomolybdate method) | | Male <300 Female <250 |
| 24 hours Urinary Sodium (ISE Indirect) | | 0.4 - 1.3 |
| 24 hours Urinary Potassium (ISE Indirect) | | Male - 40 - 220 Female - 27 - 287 |
| 24 hours Urinary Chloride (ISE Indirect) | | 25 - 125 |
| CSF Glucose (Hexokinase method) | | 110 - 250 |
| CSF Protein (Pyrogallol red method) | | Adults - 40 - 70 Infant/Child - 60 - 80 |
| Body Fluid Glucose (ADVIA: GOD-POD/AU Hexokinase method) | | 15-45 (Adults) (Child < 1 month 20-80) (Child > 1 month 15-40) |
| Body Fluid Protein (Biuret) | | |

BLOOMING LIVES FOUNDATION

Patient Name: _____
 Age: _____ Sex: _____
 Hospital No./ICD No.: _____
 Date of Collection: _____
 Sample Receiving: _____
 Diagnosis: _____
 TMSD No.: _____
 PROTC: _____
 ALB: _____

| Name of the Test (Methods) | Result |
|---|---|
| Total Urinary Volume | |
| 24 hours Urinary Creatinine (Alkaline Picrate (Jaffe) Kinetic, Compensated) | Reference Range Male - 14 - 25 Female - 11 - 21 |
| Spot Urine Creatinine (Alkaline Picrate (Jaffe) Kinetic, Compensated) | Male - 20 - 370 Female - 20 - 320 |
| 24 hours Urinary Protein (Pyrogallol red method) | <300 (NKF K-DOQI Guidelines) |
| Spot Urine Protein (Pyrogallol red method) | 0 - 14 (NKF K-DOQI Guidelines) |
| Spot Urine Protein: Creatinine Ratio | <200 (NKF K-DOQI Guidelines) |
| 24 hours Urinary Microalbumin (Immuno-turbidimetric) | <30 (NKF K-DOQI Guidelines) |
| Spot Urine Microalbumin (Immuno-turbidimetric) | <30 (NKF K-DOQI Guidelines) |
| Spot Urine Albumin: Creatinine Ratio | <30 (NKF K-DOQI Guidelines) |
| 24 hours Urine Urea (Urease, UV) | Male <17 Female <25 (NKF K-DOQI Guidelines) |
| 24 hours Urine Uric Acid (Uricase, Colorimetric) | 15 - 34.2 |
| 24 hours Urinary Glucose (AU: Hexokinase method/ADVIA: GOD-POD method) | 250 - 750 (Average Diet) |
| Spot Urine Glucose (AU: Hexokinase method/ADVIA: GOD-POD method) | 500 |
| 24 hours Urinary Calcium (Arsenazo III) | 0 - 15 |
| 24 hours Urine Inorganic Phosphate (Phosphomolybdate method) | Male <300 Female <250 0.4 - 1.3 |
| 24 hours Urinary Sodium (ISE Indirect) | Male - 40 - 220 Female - 27 - 287 |
| 24 hours Urinary Potassium (ISE Indirect) | 25 - 125 |
| 24 hours Urinary Chloride (ISE Indirect) | 110 - 250 |
| CSF Glucose (Hexokinase method) | Adults - 40 - 70 Infant/Child - 60 - |
| CSF Protein (Pyrogallol red method) | 15 - 45 (Adult) (Child < 1 month) (Child > 1 month) |
| Body Fluid Glucose (ADVIA: GOD-POD/ AU: Hexokinase method) | |
| Body Fluid Protein (Biuret) | |

BLOOMING LIVES FOUNDATION

08-DEC-24 08:55
104-DEC-24 12:25
3892
11-24
TEST NAME
299506 (3.50)
POTASSIUM (S)
URIC (S) (U)
CREATININE
TOTAL BIL
AST (S)
ALT (S)
ALP (S)

APPROVED AND VALID
 (SEE SIGNATURE/DATE)

Validated

Sample ID: 76
 Patient Name:
 Age:

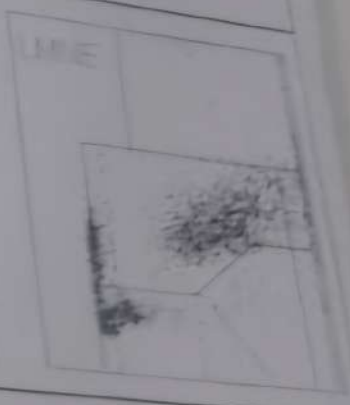
| Parameter | Value | Unit | Normal Range |
|-----------|-------|--------------------|--------------|
| WBC | 12.1 | 10 ⁹ /L | 4.0 - 11.0 |
| HGB | 14.4 | g/dL | 12.0 - 16.0 |
| HCT | 44.5 | % | 37.0 - 47.0 |
| MCV | 103 | fL | 80 - 100 |
| MCH | 32.1 | pg | 27.0 - 34.0 |
| MCHC | 31.7 | g/dL | 32.0 - 36.0 |
| RDW-CV | 14.7 | % | 11.5 - 14.0 |
| RDW-SD | 39 | fL | 35 - 50 |
| PLT | 267 | 10 ⁹ /L | 150 - 400 |
| MPV | 9.0 | fL | 8.0 - 12.0 |
| PCT | 0.23 | % | 0.10 - 0.30 |
| POW | 15.4 | g/dL | 12.0 - 16.0 |

Instrument: Sysmex XE-2100
 Methodology: WBC, RBC, HGB, HCT, PLT, MPV, PCT, POW
 Analyte: WBC, RBC, HGB, HCT, PLT, MPV, PCT, POW
 QC: 100% Pass
 Calibration: 100% Pass
 Maintenance: 100% Pass
 Microbiology: 100% Pass
 Microbiology: 100% Pass
 Microbiology: 100% Pass
 Microbiology: 100% Pass

WBC of the Run 12/24/2024 11:26:08
 RBC of the Run 12/24/2024 11:26:08
 PLT of the Run 12/24/2024 11:26:08
 DIFF of the Run 12/24/2024 11:26:08

BASO

| Parameter | Value | Unit | Normal Range |
|-----------|-------|--------------------|--------------|
| WBC | 12.1 | 10 ⁹ /L | 4.0 - 11.0 |
| NEU | 82.0 | % | 40 - 80 |
| LYM | 15.5 | % | 20 - 40 |
| MON | 3.0 | % | 2 - 10 |
| EOS | 0.5 | % | 1 - 5 |
| BAS | 0.0 | % | 0 - 1 |
| ALY | 0.2 | % | 0 - 1 |
| LIC | 8.8 | % | 0 - 1 |



Microscopic Examination

| | | | | | |
|--------------------------|-------------|-------|--------------------------|----------------|-------|
| <input type="checkbox"/> | Neutrophils | _____ | <input type="checkbox"/> | Metamyelocytes | _____ |
| <input type="checkbox"/> | Bands | _____ | <input type="checkbox"/> | Wüstons | _____ |
| <input type="checkbox"/> | Lymphocytes | _____ | <input type="checkbox"/> | Platelets | _____ |
| <input type="checkbox"/> | Monocytes | _____ | <input type="checkbox"/> | Clot | _____ |
| <input type="checkbox"/> | Eosinophils | _____ | <input type="checkbox"/> | ATY LYM | _____ |
| <input type="checkbox"/> | Basophils | _____ | <input type="checkbox"/> | DIRT | _____ |
| <input type="checkbox"/> | | _____ | <input type="checkbox"/> | Total WBCs | _____ |
| <input type="checkbox"/> | | _____ | <input type="checkbox"/> | NRBCs | _____ |

BIOCHEMICAL RANGE OF BIOCHEMICAL PARAMETERS

Serum Phosphate

Paediatric Range:

| | |
|---------------|----------------------|
| 0-1y | 134-518mg/dl (Serum) |
| 1-3y | 156-369mg/dl (Serum) |
| 3-5y | 144-327mg/dl (Serum) |
| 6-10y | 153-367mg/dl (Serum) |
| 11-15y male | 113-438mg/dl (Serum) |
| 11-15y female | 64-359mg/dl (Serum) |
| 16-21y male | 56-167mg/dl (Serum) |
| 16-21y female | 44-107mg/dl (Serum) |

Serum Calcium

Paediatric Range:

| | |
|--------|-----------------------|
| 0-1y | 8.5-11.0mg/dl (Serum) |
| 1-3y | 9.2-10.5mg/dl (Serum) |
| 3-5y | 9.4-10.6mg/dl (Serum) |
| 6-15y | 9.3-10.5mg/dl (Serum) |
| 16-19y | 9.2-10.4mg/dl (Serum) |

Serum Total Bilirubin

Paediatric Range:

| | |
|------------------|----------------|
| 0-1d(Premature) | 1.0-8.0mg/dl |
| 0-1d(Full Term) | 2.0-6.0mg/dl |
| 1-2d (Premature) | 6.0-12.0mg/dl |
| 1-2d(Full Term) | 6.0-10.0mg/dl |
| 3-5d(Premature) | 10.0-14.0mg/dl |
| 3.5d (Full Term) | 4.0-8.0mg/dl |

Serum Direct Bilirubin

Paediatric Range:

| | |
|---------|----------------|
| 0-14d | 0.33-0.71mg/dl |
| 15d-<1y | 0.05-0.30mg/dl |
| | 0.05-0.20mg/dl |
| | 0.10-0.29mg/dl |
| | 0.10-0.39mg/dl |
| | 0.11-0.42mg/dl |

Plasma Glucose

As per American Diabetes Association
The expected values for this condition are:

Plasma Glucose:

Fasting: 70-100mg/dl

Post-prandial: < 140mg/dl

Random: < 140mg/dl

Urine: < 0.5g/day

CSF (Infants/children): 50-80mg/dl

CSF (Adult): 40-70mg/dl

Paediatric Range:

New Born & Infants: 30 - 60 mg/dl (plasma)

Children: 60 - 100mg/dl (plasma)

Serum Lipid Profile

As per NCEP, ATP III guidelines

| NATIONAL LIPID ASSOCIATION RECOMMENDATIONS (NLA-2014) | TOTAL CHOLESTEROL IN mg/dL | TRIGLYCERIDE IN mg/dL | LDL CHOLESTEROL IN mg/dL | HDL CHOLESTEROL IN mg/dL |
|---|----------------------------|-----------------------|--------------------------|--------------------------|
| Optimal | <200 | <150 | <130 | >60 |
| Above Optimal | 200-239 | 150-199 | 130-159 | 40-59 |
| Borderline High | 200-239 | 150-199 | 130-159 | 40-59 |
| High | >=240 | 200-499 | 160-199 | 30-59 |
| Very high | >=240 | >=500 | >=190 | <30 |

BIOCHEMISTRY LABORATORY REPORT
 भारत सरकार/GOVERNMENT OF INDIA

क्लिनिकल बायोकेमिस्ट्री यूनिट/CLINICAL BIOCHEMISTRY UNIT
 बायोकेमिस्ट्री डिपार्टमेंट/DEPARTMENT OF BIOCHEMISTRY

वी.एम.एम.सी. एवं सफदरजंग अस्पताल, नई दिल्ली/V.M.M.C.& Safdarjung Hospital, New Delhi



08-Dec-24 09:05
 [08-Dec-24 12:15]

Patient Name: HAMZA
 Age: 67 years
 S. No.: 3892
 OPD No.:
 WARD:
 Sample Type:
 Device No.: AUGRO-2
 Sex: GORO
 Date of Collection: 11:30AM
 Sample Type: Serum

| Test Name | Result | Low Range - High Range | Unit | |
|-----------------------|--------|------------------------|------|--------|
| SODIUM (ISE) | 123 | 136 | | |
| POTASSIUM (ISE) | 4.3 | 3.5 | 5.1 | mmol/L |
| UREA (GLDH) | 51.9 | 17.0 | 43.0 | mmol/L |
| CREATININE (JAFFE'S) | 0.93 | 0.60 | 1.30 | mg/dL |
| TOTAL BILIRUBIN (DPD) | 0.54 | 0.30 | 1.20 | mg/dL |
| AST (IFCC w/o PSP) | 32 | 10 | 35 | U/L |
| ALT (IFCC w/o PSP) | 16 | 10 | 45 | U/L |
| ALP (IFCC) | 100 | 40 | 128 | U/L |

BLOOMING LIVES FOUNDATION

DR. PRANAV PANDEY

BIOCHEMISTRY LABORATORY REPORT
भारत सरकार/GOVERNMENT OF INDIA
 क्लीनिकल बायोकेमिस्ट्री यूनिट/CLINICAL BIOCHEMISTRY UNIT
 बायोकेमिस्ट्री विभाग/DEPARTMENT OF BIOCHEMISTRY
 जी.एम.एम.सी. एवं साफदरजंग अस्पताल, नई दिल्ली/V.M.M.C. & Safdarjung Hospital, New Delhi



OB-Dec-24 09:05
 [08-Dec-24 12:15]

Receiving time: _____
 Patient Name: HANZA _____ Device no.: AU550-2
 Age: 64 _____ Years _____ Month _____ Sex _____
 S.No.: 3892 _____ OPD: 0077
 Sample Collection: _____ WARD: _____
 Sample Receiving: 11:30AM _____ Sample Type: _____
 Diagnosis: _____ Seron: _____

| Test Name | Result | Low Range - High Range | | Unit | |
|------------------|--------|------------------------|------|------|----------|
| PROTEIN (BIURET) | 5.25 | 6.40 | 8.30 | g/dL | L, F . . |
| ALBUMIN (BCG) | 2.78 | 3.50 | 5.20 | g/dL | L, F . . |

BLOOMING LIVES FOUNDATION

9
 PRANSHU PANDEY