

Pat. Name : Khushi Kumari
Age : 11Y / Sex : Female
Ref. By : Upkar Hospital
Comp.Name : Uhe



Reg. No : OSP-2026-0456
Col. Date : 18-06-2026
Rpt. Date : 18-06-2026

| Test | - | Result | Unit | Normal Range |
|------|---|--------|------|--------------|
|------|---|--------|------|--------------|

HAEMATOLOGY

COMPLETE BLOOD COUNT (CBC)

| | | | | |
|--------------------------|---|-------|---------------------|-----------|
| Total WBC Count | ▼ | 1.3 | 10 ³ /ul | 4-10 |
| RBC INDICES | | | | |
| RBC Count | ▼ | 2.03 | mil/cu.mm | 3.5-5.5 |
| Haemoglobin | ▼ | 5.5 | gm/dL | 12-15 |
| Platelet Count | ▼ | 0.29 | 10 ⁶ /ul | 1.50-4.50 |
| Hematocrit (HCT) | ▼ | 16.8 | % | 37-46 |
| Mean Corp Volume (MCV) | ▼ | 82.76 | | 83-101 |
| Mean Corp Hb (MCH) | | 27.09 | pg | 27-32 |
| Mean Corp Hb Conc (MCHC) | | 32.74 | gm/dL | 31.5-34.5 |
| RDW-CV | ▲ | 22.9 | % | 11.0-17.0 |
| PCT | ▼ | 0.03 | % | 0.10-0.35 |

DIFFERENTIAL LEUCOCYTE COUNT

| | | | | |
|-------------|--|----|---|-------|
| Neutrophils | | 59 | % | 40-70 |
| Lymphocytes | | 34 | | 20-40 |
| Monocytes | | 05 | % | 2-10 |
| Eosinophils | | 02 | % | 1-6 |
| Basophils | | 00 | % | 0-1 |

ABSOLUTE DIFFERENTIAL COUNT

| | | | | |
|----------------------------|---|------|---------------------|---------|
| Absolute Neutrophils Count | ▼ | 0.77 | 10 ³ /ul | 2-7 |
| Absolute Lymphocyte Count | ▼ | 0.44 | | 1-3 |
| Absolute Eosinophil Count | ▼ | 0.03 | 10 ³ /ul | 0.2-0.5 |
| Absolute Monocyte Count | ▼ | 0.06 | | 0.1-1 |
| Absolute Basophils Count | | 0.00 | 10 ³ /ul | 0-0.1 |

Lab Technician
VIKASH KUMAR
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Dr. Vishal Prakash
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Consultant Pathologist

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BIOCHEMISTRY

Liver Function Test (LFT)

| | | | | |
|-----------------------------------|---|-------------|-------|---------|
| Total Bilirubin | | 0.84 | mg/dl | 0.2-1.3 |
| Direct Bilirubin | | 0.38 | mg/dl | 0.0-0.4 |
| Indirect Bilirubin | | 0.46 | mg/dl | 0.2-0.7 |
| Alkaline Phosphatase | | 186.3 | IU/L | 00-240 |
| Alanine Transaminase (SGPT/ALT) | ▲ | 38.4 | U/L | 5-35 |
| Aspartate Transaminase (SGOT/AST) | ▲ | 44.3 | U/L | 8-40 |
| SGOT/SGPT Ratio | | 1.15 | Ratio | 0-5 |
| Total Protein | | 6.3 | g/dl | 6-8 |
| Albumin | ▼ | 3.17 | gm/dl | 3.5-5.5 |
| Globulin | | 3.13 | g/dl | 2.3-3.6 |
| A/G Ratio | | 1.01 | | 1.0-2.3 |

Comment

The Liver Function Test (LFT) is a group of blood tests used to assess the health and functioning of the liver. It measures different enzymes, proteins, and substances such as SGOT (AST), SGPT (ALT), ALP, bilirubin, albumin, and total protein. These tests help in diagnosing liver diseases like hepatitis, fatty liver, jaundice, liver infection, and liver damage caused by alcohol or medicines. Abnormal LFT values may indicate inflammation, blockage of bile ducts, or impaired liver function. LFT is also used to monitor the progress of liver disease and response to treatment.

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BIOCHEMISTRY

Kidney Function Test(KFT)

| | | | | |
|-------------------------|---|-------------|---------|------------|
| Blood Urea | | 29.6 | mg/dl | 10 - 45 |
| BUN-Blood Urea Nitrogen | | 13.82 | mg/dl | 6.0 - 20.0 |
| Serum Creatinine | | 0.6 | mg/dl | 0.4-1.20 |
| Uric Acid | | 4.05 | mg/dl | 2.5 - 7.2 |
| Serum Sodium | | 137.0 | mmol/l | 135 - 150 |
| Serum Potassium | | 3.60 | mmol/l | 3.5 - 5.0 |
| Serum Chloride | | 100.0 | mmol /L | 98 - 110 |
| Calcium (Ca++) | ▼ | 8.63 | mg/dL | 8.8-10.8 |

Comment

The Kidney Function Test (KFT) is a group of blood and urine tests used to evaluate how well the kidneys are working. It commonly includes tests such as serum creatinine, blood urea, uric acid, electrolytes, and eGFR. KFT helps in diagnosing kidney diseases, kidney infections, dehydration, and monitoring patients with diabetes or high blood pressure. Increased levels of urea and creatinine may indicate impaired kidney function. This test is important for assessing kidney health and monitoring the effectiveness of treatment.

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COAGULATION

Prothrombin Time (PT/INR)

| | | | |
|--------------------------------------|------|---------|-------------|
| PT(Prothrombin Time) | 14 | Seconds | 11.0-16.0 |
| Control (MNPT) | 13.0 | Seconds | 13.0 |
| PT Ratio | 1.08 | | |
| International normalized ratio (INR) | 1.28 | | 0.64 - 1.35 |

Comment

Prothrombin Time (PT/INR) is a blood test used to measure how long it takes blood to clot. It helps evaluate the function of clotting factors and is commonly used to monitor patients taking anticoagulant medications such as Warfarin. PT measures the clotting time in seconds, while INR (International Normalized Ratio) standardizes the result so it can be compared across different laboratories. Abnormal PT/INR values may indicate bleeding disorders, liver disease, vitamin K deficiency, or the effects of blood-thinning medications.

*** End Of Report ***

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