

**REPORT**

Name	: Baby. ADHVITHI VISHA	Sample ID	: 24854340
Age/Gender	: 6 Years/Female	Reg. No	: 0312310010014
Referred by	: Dr. C N REDDY (M.B.B.S.,D.C.H)	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 01-Oct-2023 11: 18 AM
Primary Sample	: Whole Blood	Received On	: 01-Oct-2023 03: 24 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 01-Oct-2023 07: 26 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Interim

**HAEMATOLOGY (PRELIMINARY REPORT)**

Test Name	Results	Units	Ref. Range	Method
<b>Complete Blood Picture(CBP)</b>				
Haemoglobin (Hb)	12.0	g/dL	11-14.5	Cynmeth Method
Haematocrit (HCT)	37.5	%	34-40	Calculated
RBC Count	5.12	10 <sup>12</sup> /L	4.5-5.5	Cell Impedance
MCV	<b>73</b>	fl	77-95	Calculated
MCH	<b>23.4</b>	pg	24-30	Calculated
MCHC	32.0	g/dL	31-37	Calculated
RDW-CV	<b>15.9</b>	%	11.6-14.0	Calculated
Platelet Count (PLT)	<b>103</b>	10 <sup>9</sup> /L	170-450	Cell Impedance
Total WBC Count	6.5	10 <sup>9</sup> /L	5.0-15.0	Impedance
<b>Differential Leucocyte Count (DC)</b>				
Neutrophils	37	%	32-61	Cell Impedance
Lymphocytes	55	%	32-60	Cell Impedance
Monocytes	05	%	1-9	Microscopy
Eosinophils	03	%	0-7	Microscopy
Basophils	0	%	0-2	Microscopy
Absolute Neutrophils Count	2.4	10 <sup>9</sup> /L	1.6-9.5	Impedance
Absolute Lymphocyte Count	3.58	10 <sup>9</sup> /L	1.6-9.3	Impedance
Absolute Monocyte Count	<b>0.33</b>	10 <sup>9</sup> /L	0.5-1.4	Calculated
Absolute Eosinophils Count	0.2	10 <sup>9</sup> /L	0.0-1.1	Calculated
Absolute Basophil ICount	0.00	10 <sup>9</sup> /L	0.0-0.3	Calculated

Final report will be released on 02-10-2023

Result rechecked and verified for abnormal cases

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

Laboratory is NABL Accredited



\*TESTS CONDUCTED @ CENTRAL LAB, HYDERABAD

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Swarnabala . M  
DR.SWARNA BALA  
MD PATHOLOGY

**REPORT**

Name	: Baby. ADHVITHI VISHA	Sample ID	: 24854339
Age/Gender	: 6 Years/Female	Reg. No	: 0312310010014
Referred by	: Dr. C N REDDY (M.B.B.S.,D.C.H)	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 01-Oct-2023 11: 18 AM
Primary Sample	: Whole Blood	Received On	: 01-Oct-2023 03: 24 PM
Sample Tested In	: Serum	Reported On	: 01-Oct-2023 05: 56 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

**CLINICAL BIOCHEMISTRY**

Test Name	Results	Units	Ref. Range	Method
<b>Liver Function Test (LFT)</b>				
Bilirubin(Total)	0.3	mg/dL	0.3-1.2	Diazo
Bilirubin (Direct)	0.1	mg/dL	0.0 - 0.2	Diazo
Bilirubin (Indirect)	0.2	mg/dL	0.2-1.0	Calculated
Aspartate Aminotransferase (AST/SGOT)	<b>75</b>	U/L	5-40	IFCC with out (P-5-P)
Alanine Aminotransferase (ALT/SGPT)	17	U/L	0-55	IFCC with out (P-5-P)
Alkaline Phosphatase(ALP)	186	U/L	< 500	Kinetic PNPP-AMP
Gamma Glutamyl Transpeptidase (GGTP)	10	U/L	5-55	IFCC
Protein - Total	7.1	g/dL	6.4-8.2	Biuret
Albumin	4.0	g/dL	3.4-5.0	Bromocresol purple (BCP)
Globulin	3.1	g/dL	2.0-4.2	Calculated
A:G Ratio	1.29	%	0.8-2.0	Calculated

- **Alanine Aminotransferase(ALT)** is an enzyme found in liver and kidneys cells. ALT helps create energy for liver cells. Damaged liver cells release ALT into the bloodstream, which can elevate ALT levels in the blood.
- **Aspartate Aminotransferase (AST)** is an enzyme in the liver and muscles that helps metabolizes amino acids. Similarly to ALT, elevated AST levels may be a sign of liver damage or liver disease.
- **Alkaline phosphate (ALP)** is an enzyme present in the blood. ALP contributes to numerous vital bodily functions, such as supplying nutrients to the liver, promoting bone growth, and metabolizing fat in the intestines.
- **Gamma-glutamyl Transpeptidase (GGTP)** is an enzyme that occurs primarily in the liver, but it is also present in the kidneys, pancreas, gallbladder, and spleen. Higher than normal concentrations of GGTP in the blood may indicate alcohol-related liver damage. Elevated GGTP levels can also increase the risk of developing certain types of cancer.
- **Bilirubin** is a waste product that forms when the liver breaks down red blood cells. Bilirubin exits the body as bile in stool. High levels of bilirubin can cause jaundice - a condition in which the skin and whites of the eyes turn yellow- and may indicate liver damage.
- **Albumin** is a protein that the liver produces. The liver releases albumin into the bloodstream, where it helps fight infections and transport vitamins, hormones, and enzymes throughout the body. Liver damage can cause abnormally low albumin levels.



*Dr. Vaishnavi*  
**DR. VAISHNAVI**  
**MD BIOCHEMISTRY**

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**CLINICAL BIOCHEMISTRY**

Test Name	Results	Units	Ref. Range	Method
<b>Electrolyte Profile-Serum</b>				
Sodium	138	mmol/L	138-145	ISE Direct
Potassium	4.0	mmol/L	3.4-4.7	ISE Direct
Chloride	100	mmol/L	98-108	ISE Direct

**Clinical significance:**

- Prevents dehydration.
- Maintain the acid-base balance (body pH).
- Maintain the osmotic pressure.
- Body working normally.
- It regulates heart rhythm.
- Regulate muscle contractions.
- Help the brain function.
- Cells can generate energy.

Note:Separate serum or plasma from cells within 45 minutes of collection; avoid hemolysis.

Correlate Clinically.

Result rechecked and verified for abnormal cases

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



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