

REPORT

Name	: Master. ABHYAN REDDY N	Sample ID	: 24754173
Age/Gender	: 7 Years/Male	Reg. No	: 0312312160037
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	: 16-Dec-2023 09:24 PM
Primary Sample	: Whole Blood	Received On	: 16-Dec-2023 10:06 PM
Sample Tested In	: Serum	Reported On	: 16-Dec-2023 11:18 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

VCARE FEVER PROFILE-1

Test Name	Results	Units	Ref. Range	Method
-----------	---------	-------	------------	--------

C-Reactive protein-(CRP)	3.41	mg/L	Upto:6.0	Immunoturbidimetry
---------------------------------	------	------	----------	--------------------

Interpretation:

C-reactive protein (CRP) is produced by the liver. The level of CRP rises when there is inflammation throughout the body. It is one of a group of proteins called acute phase reactants that go up in response to inflammation. The levels of acute phase reactants increase in response to certain inflammatory proteins called cytokines. These proteins are produced by white blood cells during inflammation.

A positive test means you have inflammation in the body. This may be due to a variety of conditions, including:

- Connective tissue disease
- Heart attack
- Infection
- Inflammatory bowel disease (IBD)
- Lupus
- Pneumonia
- Rheumatoid arthritis



Dr. Vaishnavi
DR. VAISHNAVI
MD BIOCHEMISTRY

REPORT

Name	: Master. ABHYAN REDDY N	Sample ID	: 24754172
Age/Gender	: 7 Years/Male	Reg. No	: 0312312160037
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	: 16-Dec-2023 09:24 PM
Primary Sample	: Whole Blood	Received On	: 16-Dec-2023 10:06 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 16-Dec-2023 11:22 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

HAEMATOLOGY

VCARE FEVER PROFILE-1

Test Name	Results	Units	Ref. Range	Method
-----------	---------	-------	------------	--------

MALARIA ANTIGEN (VIVAX & FALCIPARUM)

Plasmodium Vivax Antigen	Negative		Negative	Immuno Chromatography
Plasmodium Falciparum	Negative		Negative	Immuno Chromatography

Note :

- In the gametogony stage, P.Falciparum may not secreted. Such carriers may show falsely negative result.
- This test is used to indicate therapeutic response. Positive test results 5 - 10 days post treatment indicate the possibility of a resistant strain of malaria.

Comments :

Malaria is protozoan parasitic infection, prevalent in the Tropical & Subtropical areas of the world. Four species of plasmodium parasites are responsible for malaria infections in human viz. P.Falciparum, p.Vivax, P.Ovale & P.malariae. Falciparum infections are associated with Cerebral malaria and drug resistance where as vivex infection is associated with high rate of infectivity and relapse. Differentiation between P.Falciparum and P.Vivex is utmost importance for better patient management and speedy recovery.



*TESTS CONDUCTED @ CENTRAL LAB, HYDERABAD

terms and conditions overleaf. Partial Reproduction of this report is not Permitted

Swarnabala .M
DR.SWARNA BALA
MD PATHOLOGY

REPORT

Name	: Master. ABHYAN REDDY N	Sample ID	: 24754172
Age/Gender	: 7 Years/Male	Reg. No	: 0312312160037
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	: 16-Dec-2023 09:24 PM
Primary Sample	: Whole Blood	Received On	: 16-Dec-2023 10:06 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 16-Dec-2023 11:22 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

HAEMATOLOGY

VCARE FEVER PROFILE-1

Test Name	Results	Units	Ref. Range	Method
COMPLETE BLOOD COUNT (CBC)				
Haemoglobin (Hb)	13.2	g/dL	11.5-15.5	Cynmeth Method
RBC Count	4.98	10 ¹² /L	4.5-5.5	Cell Impedence
Haematocrit (HCT)	39.2	%	35-45	Calculated
MCV	79	fl	77-95	Calculated
MCH	26.6	pg	25-33	Calculated
MCHC	33.8	g/dL	31-37	Calculated
RDW-CV	12.6	%	11.6-14.0	Calculated
Platelet Count (PLT)	343	10 ⁹ /L	170-450	Cell Impedence
Total WBC Count	9.7	10 ⁹ /L	5.0-13.0	Impedence
Neutrophils	63	%	41-63	Cell Impedence
Absolute Neutrophils Count	6.11	10 ⁹ /L	1.9-9.1	Impedence
Lymphocytes	30	%	25-48	Cell Impedence
Absolute Lymphocyte Count	2.91	10 ⁹ /L	1.0-6.2	Impedence
Monocytes	05	%	0-9	Microscopy
Absolute Monocyte Count	0.49	10 ⁹ /L	0.0- 1.2	Calculated
Eosinophils	02	%	0-7	Microscopy
Absolute Eosinophils Count	0.19	10 ⁹ /L	0.0-1.0	Calculated
Basophils	00	%	0-2	Microscopy
Absolute Basophil ICount	0.00	10 ⁹ /L	0.0-0.3	Calculated
Morphology				
WBC	Within Normal Limits			
RBC	Normocytic normochromic blood picture.			
Platelets	Adequate.			Microscopy

*** End Of Report ***

Laboratory is NABL Accredited



*TESTS CONDUCTED @ CENTRAL LAB, HYDERABAD

terms and conditions overleaf. Partial Reproduction of this report is not Permitted

Swarnabala .M
DR.SWARNA BALA
MD PATHOLOGY

REPORT

Name	: Master. ABHYAN REDDY N	Sample ID	: 24754172
Age/Gender	: 7 Years/Male	Reg. No	: 0312312160037
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	: 16-Dec-2023 09:24 PM
Primary Sample	: Whole Blood	Received On	: 16-Dec-2023 10:06 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 16-Dec-2023 11:22 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

HAEMATOLOGY

VCARE FEVER PROFILE-1

Test Name	Results	Units	Ref. Range	Method
-----------	---------	-------	------------	--------

Erythrocyte Sedimentation Rate (ESR)	8		3-13	Westergren method
---	---	--	------	-------------------

Comments : ESR is an acute phase reactant which indicates presence and intensity of an inflammatory process.It is never diagnostic of a specific disease. It is used to monitor the course or response to treatment of certain diseases. Extremely high levels are found in cases of malignancy, hematologic diseases, collagen disorders and renal diseases.



*TESTS CONDUCTED @ CENTRAL LAB, HYDERABAD

terms and conditions overleaf. Partial Reproduction of this report is not Permitted

Swarnabala .M
DR.SWARNA BALA
MD PATHOLOGY

REPORT

Name	: Master. ABHYAN REDDY N	Sample ID	: 24754172
Age/Gender	: 7 Years/Male	Reg. No	: 0312312160037
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	: 16-Dec-2023 09:24 PM
Primary Sample	: Whole Blood	Received On	: 16-Dec-2023 10:06 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 16-Dec-2023 11:09 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
Glycated Hemoglobin (HbA1c)	5.3	%	Non Diabetic:< 5.7 Pre diabetic: 5.7-6.4 Diabetic:>= 6.5	HPLC
Mean Plasma Glucose	105.41	mg/dL		Calculated

Interpretation:

- Glycated hemoglobins (GHb), also called glycohemoglobins, are substances formed when glucose binds to hemoglobin, and occur in amounts proportional to the concentration of serum glucose. Since red blood cells survive an average of 120 days, the measurement of GHb provides an index of a person's average blood glucose concentration (glycemia) during the preceding 2-3 months. Normally, only 4% to 6% of hemoglobin is bound to glucose, while elevated glycohemoglobin levels are seen in diabetes and other hyperglycemic states
- Mean Plasma Glucose(MPG):This Is Mathematical Calculations Where Glycated Hb Can Be Correlated With Daily Mean Plasma Glucose Level

*** End Of Report ***

Laboratory is NABL Accredited



Dr. Vaishnavi
DR. VAISHNAVI
MD BIOCHEMISTRY

REPORT

Name	: Master. ABHYAN REDDY N	Sample ID	: 24754173
Age/Gender	: 7 Years/Male	Reg. No	: 0312312160037
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	: 16-Dec-2023 09:24 PM
Primary Sample	: Whole Blood	Received On	: 16-Dec-2023 10:06 PM
Sample Tested In	: Serum	Reported On	: 16-Dec-2023 11:12 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
Thyroid Profile-I(TFT)				
T3 (Triiodothyronine)	95.51	ng/dL	94-241	CLIA
T4 (Thyroxine)	5.4	µg/dL	6.4-13.3	CLIA
TSH -Thyroid Stimulating Hormone	5.35	µIU/mL	0.35-5.5	CLIA

Pregnancy & Cord Blood

T3 (Triiodothyronine):	T4 (Thyroxine)	TSH (Thyroid Stimulating Hormone)
First Trimester : 81-190 ng/dL	15 to 40 weeks:9.1-14.0 µg/dL	First Trimester : 0.24-2.99 µIU/mL
Second&Third Trimester :100-260 ng/dL		Second Trimester: 0.46-2.95 µIU/mL
		Third Trimester : 0.43-2.78 µIU/mL
Cord Blood: 30-70 ng/dL	Cord Blood: 7.4-13.0 µg/dL	Cord Blood: : 2.3-13.2 µIU/mL

Interpretation:

- Thyroid gland is a butterfly-shaped endocrine gland that is normally located in the lower front of the neck. The thyroid's job is to make thyroid hormones, which are secreted into the blood and then carried to every tissue in the body. Thyroid hormones help the body use energy, stay warm and keep the brain, heart, muscles, and other organs working as they should.
- Thyroid produces two major hormones: triiodothyronine (T3) and thyroxine (T4). If thyroid gland doesn't produce enough of these hormones, you may experience symptoms such as weight gain, lack of energy, and depression. This condition is called hypothyroidism.
- Thyroid gland produces too many hormones, you may experience weight loss, high levels of anxiety, tremors, and a sense of being on a high. This is called hyperthyroidism.
- TSH interacts with specific cell receptors on the thyroid cell surface and exerts two main actions. The first action is to stimulate cell reproduction and hypertrophy. Secondly, TSH stimulates the thyroid gland to synthesize and secrete T3 and T4.
- The ability to quantitate circulating levels of TSH is important in evaluating thyroid function. It is especially useful in the differential diagnosis of primary (thyroid) from secondary (pituitary) and tertiary (hypothalamus) hypothyroidism. In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels are low.



Dr. Vaishnavi
DR. VAISHNAVI
MD BIOCHEMISTRY

REPORT

Name	: Master. ABHYAN REDDY N	Sample ID	: 24754171
Age/Gender	: 7 Years/Male	Reg. No	: 0312312160037
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	: 16-Dec-2023 09:24 PM
Primary Sample	:	Received On	: 16-Dec-2023 10:06 PM
Sample Tested In	: Urine	Reported On	: 16-Dec-2023 11:14 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL PATHOLOGY

VCARE FEVER PROFILE-1

Test Name	Results	Units	Ref. Range	Method
Complete Urine Analysis (CUE)				
Physical Examination				
Colour	Pale Yellow		Straw to light amber	
Appearance	Clear		Clear	
Chemical Examination				
Glucose	Negative		Negative	Strip Reflectance
Protein	Absent		Negative	Strip Reflectance
Bilirubin (Bile)	Negative		Negative	Strip Reflectance
Urobilinogen	Negative		Negative	Ehrlichs reagent
Ketone Bodies	Negative		Negative	Strip Reflectance
Specific Gravity	1.010		1.000 - 1.030	Strip Reflectance
Blood	Negative		Negative	Strip Reflectance
Reaction (pH)	6.5		5.0 - 8.5	Reagent strip Reflectance - Double indicator Principle
Nitrites	Negative		Negative	Strip Reflectance
Leukocyte esterase	Negative		Negative	Reagent Strip Reflectance
Microscopic Examination (Microscopy)				
PUS(WBC) Cells	02-04	/hpf	00-05	Microscopy
R.B.C.	Nil	/hpf	Nil	Microscopic
Epithelial Cells	01-02	/hpf	00-05	Microscopic
Casts	Absent		Absent	Microscopic
Crystals	Absent		Absent	Microscopic
Bacteria	Nil		Nil	
Budding Yeast Cells	Nil		Absent	Microscopy
Others	-			Microscopic

Comments :

Urine analysis is one of the most useful laboratory tests as it identifies a wide range of medical conditions including renal damage, urinary tract infections, diabetes, hypertension and drug toxicity.

Result rechecked and verified for abnormal cases

*** End Of Report ***

Laboratory is NABL Accredited



*TESTS CONDUCTED @ CENTRAL LAB, HYDERABAD

terms and conditions overleaf. Partial Reproduction of this report is not Permitted

Swarnabala .M
DR.SWARNABALA
MD PATHOLOGY

REPORT

Name	: Master. ABHYAN REDDY N	Sample ID	: 24754173
Age/Gender	: 7 Years/Male	Reg. No	: 0312312160037
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	: 16-Dec-2023 09:24 PM
Primary Sample	: Whole Blood	Received On	: 16-Dec-2023 10:06 PM
Sample Tested In	: Serum	Reported On	: 16-Dec-2023 11:39 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

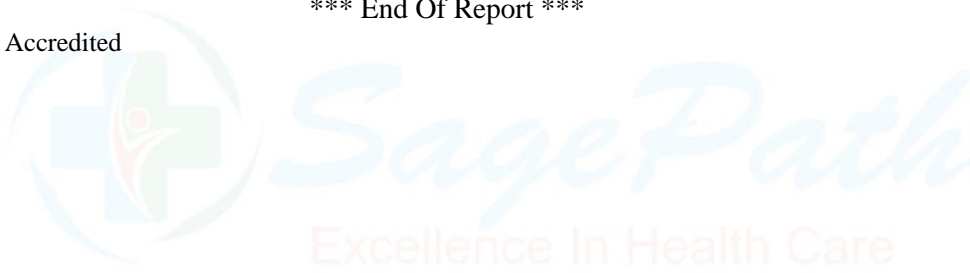
IMMUNOLOGY & SEROLOGY

VCARE FEVER PROFILE-1

Test Name	Results	Units	Ref. Range	Method
Widal Test (Slide Test)				
Salmonella typhi O Antigen	1:80		1:80 & Above Significant	
Salmonella typhi H Antigen	1:80		1:80 & Above Significant	
Salmonella paratyphi AH Antigen	<1:20		1:80 & Above Significant	
Salmonella paratyphi BH Antigen	<1:20		1:80 & Above Significant	

*** End Of Report ***

Laboratory is NABL Accredited



terms and conditions overleaf. Partial Reproduction of this report is not Permitted

DR. RUTURAJ MANIKLAL KOLHAPURE
MD, MICROBIOLOGIST

REPORT

Name	: Master. ABHYAN REDDY N	Sample ID	: 24754173
Age/Gender	: 7 Years/Male	Reg. No	: 0312312160037
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	: 16-Dec-2023 09:24 PM
Primary Sample	: Whole Blood	Received On	: 16-Dec-2023 10:06 PM
Sample Tested In	: Serum	Reported On	: 17-Dec-2023 12:10 AM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

IMMUNOLOGY & SEROLOGY

VCARE FEVER PROFILE-1

Test Name	Results	Units	Ref. Range	Method
Dengue NS1 Antigen	0.32	S/Co	< 0.8~ : Negative 0.8-1.1 : Equivocal > 1.1~ : Positive	ELISA

Correlate Clinically.

Laboratory is NABL Accredited

*** End Of Report ***



terms and conditions overleaf. Partial Reproduction of this report is not Permitted

DR. RUTURAJ MANIKLAL KOLHAPURE
MD, MICROBIOLOGIST