

LABORATORY TEST REPORT

| | | | |
|--------------------|--------------------------------------|---------------|------------------------|
| Name | : Mr. AKSHITH | | |
| Sample ID | : A1308011 | | |
| Age/Gender | : 22 Years/Male | Reg. No | : 0312412040050 |
| Referred by | : Dr. SELF | SPP Code | : SPL-CV-172 |
| Referring Customer | : V CARE MEDICAL DIAGNOSTICS | Collected On | : 04-Dec-2024 05:39 PM |
| Primary Sample | : Whole Blood | Received On | : 04-Dec-2024 07:16 PM |
| Sample Tested In | : Serum | Reported On | : 04-Dec-2024 11:41 PM |
| Client Address | : Kimtee colony ,Gokul Nagar,Tarnaka | Report Status | : Final Report |



CLINICAL BIOCHEMISTRY

| Test Name | Results | Units | Biological Reference Interval |
|-----------|---------|-------|-------------------------------|
|-----------|---------|-------|-------------------------------|

C-Reactive protein-(CRP) **28.5** mg/L Upto:6.0

(Method: 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



Page 1 of 6
Dr. Vaishnavi
DR.VAISHNAVI
MD BIOCHEMISTRY

LABORATORY TEST REPORT

| | | | |
|--------------------|--------------------------------------|---------------|------------------------|
| Name | : Mr. AKSHITH | | |
| Sample ID | : A1308014 | | |
| Age/Gender | : 22 Years/Male | Reg. No | : 0312412040050 |
| Referred by | : Dr. SELF | SPP Code | : SPL-CV-172 |
| Referring Customer | : V CARE MEDICAL DIAGNOSTICS | Collected On | : 04-Dec-2024 05:39 PM |
| Primary Sample | : Whole Blood | Received On | : 04-Dec-2024 07:16 PM |
| Sample Tested In | : Whole Blood EDTA | Reported On | : 04-Dec-2024 09:16 PM |
| Client Address | : Kimtee colony ,Gokul Nagar,Tarnaka | Report Status | : Final Report |



HAEMATOLOGY

FEVER PROFILE

| Test Name | Results | Units | Biological Reference Interval |
|-----------|---------|-------|-------------------------------|
|-----------|---------|-------|-------------------------------|

MALARIA ANTIGEN (VIVAX & FALCIPARUM)

Plasmodium Vivax Antigen Negative Negative

(Method: Immuno Chromatography)

Plasmodium Falciparum Negative Negative

(Method: Immuno Chromatography)

Note :

- In the gametogony stage, P.Falciparum may not secrete. 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 vivax infection is associated with high rate of infectivity and relapse. Differentiation between P.Falciparum and P.Vivax is utmost importance for better patient management and speedy recovery.

*** End Of Report ***



Page 2 of 6
Swarnabala - M
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LABORATORY TEST REPORT

| | | | |
|--------------------|----------------------------------------|---------------|------------------------|
| Name | : Mr. AKSHITH | | |
| Sample ID | : A1308014 | | |
| Age/Gender | : 22 Years/Male | Reg. No | : 0312412040050 |
| Referred by | : Dr. SELF | SPP Code | : SPL-CV-172 |
| Referring Customer | : V CARE MEDICAL DIAGNOSTICS | Collected On | : 04-Dec-2024 05:39 PM |
| Primary Sample | : Whole Blood | Received On | : 04-Dec-2024 07:16 PM |
| Sample Tested In | : Whole Blood EDTA | Reported On | : 04-Dec-2024 07:30 PM |
| Client Address | : Kimtee colony , Gokul Nagar, Tarnaka | Report Status | : Final Report |


HAEMATOLOGY
FEVER PROFILE

| Test Name | Results | Units | Biological Reference Interval |
|-----------|---------|-------|-------------------------------|
|-----------|---------|-------|-------------------------------|

COMPLETE BLOOD COUNT (CBC)

| | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------|-----------|
|  Haemoglobin (Hb) <small>(Method: Cymeth Method)</small> | 15.0 | g/dL | 13-17 |
|  RBC Count <small>(Method: Cell Impedance)</small> | 5.05 | 10 ¹² /L | 4.5-5.5 |
|  Haematocrit (HCT) <small>(Method: Calculated)</small> | 45.9 | % | 40-50 |
|  MCV <small>(Method: Calculated)</small> | 91 | fl | 81-101 |
|  MCH <small>(Method: Calculated)</small> | 29.7 | pg | 27-32 |
|  MCHC <small>(Method: Calculated)</small> | 32.6 | g/dL | 32.5-34.5 |
|  RDW-CV <small>(Method: Calculated)</small> | 12.0 | % | 11.6-14.0 |
|  Platelet Count (PLT) <small>(Method: Cell Impedance)</small> | 242 | 10 ⁹ /L | 150-410 |
|  Total WBC Count <small>(Method: Impedance)</small> | 9.4 | 10 ⁹ /L | 4.0-10.0 |
|  Neutrophils <small>(Method: Cell Impedance)</small> | 65 | % | 40-70 |
|  Absolute Neutrophils Count <small>(Method: Impedance)</small> | 6.11 | 10 ⁹ /L | 2.0-7.0 |
|  Lymphocytes <small>(Method: Cell Impedance)</small> | 25 | % | 20-40 |
|  Absolute Lymphocyte Count <small>(Method: Impedance)</small> | 2.35 | 10 ⁹ /L | 1.0-3.0 |
|  Monocytes <small>(Method: Microscopy)</small> | 08 | % | 2-10 |
|  Absolute Monocyte Count <small>(Method: Calculated)</small> | 0.75 | 10 ⁹ /L | 0.2-1.0 |
|  Eosinophils <small>(Method: Microscopy)</small> | 02 | % | 1-6 |
|  Absolute Eosinophils Count <small>(Method: Calculated)</small> | 0.19 | 10 ⁹ /L | 0.02-0.5 |
|  Basophils <small>(Method: Microscopy)</small> | 00 | % | 1-2 |
|  Absolute Basophil ICount <small>(Method: Calculated)</small> | 0.00 | 10 ⁹ /L | 0.0-0.3 |

Morphology

| | |
|--------------------------------------------------|-------------------------|
| WBC | Within Normal Limits |
| RBC | Normocytic normochromic |
| Platelets <small>(Method: Microscopy)</small> | Adequate. |

*** End Of Report ***



LABORATORY TEST REPORT

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| Name | : Mr. AKSHITH | | |
| Sample ID | : A1308014 | | |
| Age/Gender | : 22 Years/Male | Reg. No | : 0312412040050 |
| Referred by | : Dr. SELF | SPP Code | : SPL-CV-172 |
| Referring Customer | : V CARE MEDICAL DIAGNOSTICS | Collected On | : 04-Dec-2024 05:39 PM |
| Primary Sample | : Whole Blood | Received On | : 04-Dec-2024 07:16 PM |
| Sample Tested In | : Whole Blood EDTA | Reported On | : 05-Dec-2024 12:03 AM |
| Client Address | : Kimtee colony ,Gokul Nagar,Tarnaka | Report Status | : Final Report |



HAEMATOLOGY

FEVER PROFILE

| Test Name | Results | Units | Biological Reference Interval |
|-----------|---------|-------|-------------------------------|
|-----------|---------|-------|-------------------------------|

| | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------|------------|
|  Erythrocyte Sedimentation Rate (ESR) <small>(Method: Westergren method)</small> | 18 | mm/hr | 10 or less |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------|------------|

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.



Page 4 of 6
Swarnabala - M
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MD PATHOLOGY

LABORATORY TEST REPORT

| | | | |
|--------------------|--------------------------------------|---------------|------------------------|
| Name | : Mr. AKSHITH | | |
| Sample ID | : A1308012 | | |
| Age/Gender | : 22 Years/Male | Reg. No | : 0312412040050 |
| Referred by | : Dr. SELF | SPP Code | : SPL-CV-172 |
| Referring Customer | : V CARE MEDICAL DIAGNOSTICS | Collected On | : 04-Dec-2024 05:39 PM |
| Primary Sample | : Whole Blood | Received On | : 04-Dec-2024 07:16 PM |
| Sample Tested In | : Plasma-NaF(R) | Reported On | : 04-Dec-2024 07:49 PM |
| Client Address | : Kimtee colony ,Gokul Nagar,Tarnaka | Report Status | : Final Report |


CLINICAL BIOCHEMISTRY
GLUCOSE RANDOM (RBS)

| Test Name | Results | Units | Biological Reference Interval |
|-----------|---------|-------|-------------------------------|
|-----------|---------|-------|-------------------------------|

| | | | |
|----------------------|-----|-------|--------|
| Glucose Random (RBS) | 101 | mg/dL | 70-140 |
|----------------------|-----|-------|--------|

(Method: Hexokinase (HK))

Interpretation of Plasma Glucose based on ADA guidelines 2018

| Diagnosis | Fasting Plasma Glucose(mg/dL) | 2hrs Plasma Glucose(mg/dL) | HbA1c(%) | RBS(mg/dL) |
|-------------|-------------------------------|----------------------------|----------|----------------------|
| Prediabetes | 100-125 | 140-199 | 5.7-6.4 | NA |
| Diabetes | > = 126 | > = 200 | > = 6.5 | >=200(with symptoms) |

Reference: Diabetes care 2018;41(suppl.1):S13-S27

- The random blood glucose if it is above 200 mg/dL and the patient has increased thirst, polyuria, and polyphagia, suggests diabetes mellitus.
- As a rule, two-hour glucose samples will reach the fasting level or it will be in the normal range.

*** End Of Report ***




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Page 5 of 6

LABORATORY TEST REPORT

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| Name | : Mr. AKSHITH | | |
| Sample ID | : A1308011 | | |
| Age/Gender | : 22 Years/Male | Reg. No | : 0312412040050 |
| Referred by | : Dr. SELF | SPP Code | : SPL-CV-172 |
| Referring Customer | : V CARE MEDICAL DIAGNOSTICS | Collected On | : 04-Dec-2024 05:39 PM |
| Primary Sample | : Whole Blood | Received On | : 04-Dec-2024 07:16 PM |
| Sample Tested In | : Serum | Reported On | : 04-Dec-2024 07:38 PM |
| Client Address | : Kimtee colony ,Gokul Nagar,Tarnaka | Report Status | : Final Report |



IMMUNOLOGY & SEROLOGY

FEVER PROFILE

| Test Name | Results | Units | Biological Reference Interval |
|----------------------------------------|---------|-------|-------------------------------|
| Widal Test (Slide Test) | | | |
| <i>(Method: (SLIDE AGGLUTINATION))</i> | | | |
| Salmonella typhi O Antigen | <1:20 | | 1:80 & Above Significant |
| Salmonella typhi H Antigen | <1:20 | | 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 ***



Page 6 of 6

[Signature]

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