





Mr. SARFRAZ NASAR

PID NO: 46690

Age: 26 Years Sex: Male DOB: 01-Feb-1999

Reference : Dr. KEERTHANA RANI

PADIPPURAYIL THARA

**Referred Client:** 

CITICARE MEDICAL CENTER

Unit G03, Al Barsha South Bldg, Al Barhsa South

Third, Dubai

VID: 5070110304

Collected on:

Registered on: 30-Jul-2025 05:32 PM

Reported on:

<b>Abnormal</b>	Result(s)	Summary

Test Name	Result Value	Unit	Reference Range	
WBC COUNT	12.2	10^3/µL	4 - 11	
NEUTROPHILS	79	%	40 - 75	
LYMPHOCYTES	10	%	20 - 45	
ABSOLUTE NEUTROPHIL COUNT	9.64	10^3/uL	1.6 - 8.25	
ABSOLUTE MONOCYTE COUNT	0.73	10^3/uL	0.04 - 0.66	
* C-REACTIVE PROTEIN (CRP)	10	mg/L	< 5.0 Please note change. Source: Roche IFU.	

Test Remark: Note: Please correlate clinically.

Abnormal Result(s) Summary End

This is an Electronically Authenticated Report.

Test result pertains only to the sample tested and to be interpreted in the light of clinical history. These tests are accredited under ISO 15189 unless specified by (\*). Test marked with # is performed in an accredited referral laboratory.

مردرة الومارات العالمي للاعتماد Emirates International Accreditation Centre

Printed on:





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PID NO: 46690

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Reference: Dr. KEERTHANA RANI PADIPPURAYIL THARA

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VID: 5070110304

Collected on:

30-Jul-2025 02:00 PM

Registered on:

30-Jul-2025 05:32 PM

Reported on :

30-Jul-2025 07:39 PM

COMPLETE BLOOD COUNT (CBC)           HEMOGLOBIN         15.8         g/dL         13.5 - 17.5         Photometric           RBC COUNT         5.2         10^6/µL         43.5 - 7.7         Electrical Impedance           HEMATOCRIT         46.7         %         38 - 50         Calculation           MCV         89.1         fL         82 - 98         Calculation           MCHC         33.8         27 - 32         Calculation           *RDW         12.6         %         11.8 - 15.6         Calculation           *RDW-SD         38.90         fL         7.6 - 10.8         Calculation           MPV         8.5         1003/µL         150 - 450         Electrical Impedance           *NUCLEATED RBC (NRBC)         0         1003/µL         150 - 450         Electrical Impedance           *ABSOLUTE NRBC COUNT         0         1003/µL         4 - 11         Electrical Impedance           *BUTROPHILS         79         H         1003/µL         4 - 11         Electrical Impedance           *EUTROPHILS         79         H         %         0 - 5         VCS 360 Technology           *LUMPHOCYTES         10         %         0 - 6         VCS 360 Technology	<u>Investigation</u>	Observed Value	Flag	<u>Unit</u>	Biological Reference In	terval <u>Method</u>
RBC COUNT         5.2         10^6/μL         4.3 - 5.7         Electrical Impedance           HEMATOCRIT         46.7         %         38 - 50         Calculation           MCV         89.1         1         1         82 - 98         Calculation           MCH         30.1         pg         27 - 32         Calculation           MCHC         33.8         g/dL         32 - 37         Calculation           * RDW         12.6         %         11.8 - 15.6         Calculation           * RDW-SD         38.90         fL         7.6 - 10.8         Calculation           PLATELET COUNT         267         10^3/uL         150 - 450         Electrical Impedance           * NUCLEATED RBC (NRBC)         0         10^3/uL         150 - 450         Electrical Impedance           * NUCLEATED RRC COUNT         0         10^3/uL         4 - 11         Electrical Impedance           * NUCLEATED RRC (NRBC)         12.2         H         10^3/uL         4 - 11         Electrical Impedance           * NBC COUNT         12.2         H         10^3/uL         4 - 11         Electrical Impedance           I VES 360 Technology         ELECTRICAL SQUITE         VCS 360 Technology         4 - 15         4 - 14	COMPLETE BLOOD COUNT (CBC)					
HEMATOCRIT         46.7         %         38 - 50         Calculation           MCV         89.1         fL         82 - 98         Calculation           MCH         30.1         pg         27 - 32         Calculation           MCHC         33.8         g/dL         32 - 37         Calculation           * RDW         12.6         %         11.8 - 15.6         Calculation           * RDW-SD         38.90         fL         Calculation         Calculation           MPV         8.5         10^3/uL         150 - 450         Electrical Impedance           * NUCLEATED RBC (NRBC)         0         /100 WBC         VCS 360 Technology           * ABSOLUTE NRBC COUNT         0         10^3/uL         4 - 11         Electrical Impedance           WBC COUNT         12.2         H         10^3/uL         4 - 11         Electrical Impedance           VBC COUNT         12.2         H         10^3/uL         4 - 11         Electrical Impedance           VBMPOCYTES         10         4         4 - 11         Electrical Impedance           LYS 360 Technology         H         %         4 - 11         Electrical Impedance           LYS 360 Technology         R         %         0	HEMOGLOBIN	15.8		g/dL	13.5 - 17.5	Photometric
MCV         89.1         fL         82 - 98         Calculation           MCH         30.1         pg         27 - 32         Calculation           MCHC         33.8         g/dL         32 - 37         Calculation           *RDW         12.6         %         11.8 - 15.6         Calculation           *RDW-SD         38.90         fL         7.6 - 10.8         Calculation           MPV         8.5         fL         7.6 - 10.8         Calculation           PLATELET COUNT         267         10^3/uL         150 - 450         Electrical Impedance           * NUCLEATED RBC (NRBC)         0         10^3/uL         150 - 450         Electrical Impedance           * NUCLEATED RBC COUNT         0         10^3/uL         4 - 11         Electrical Impedance           * ABSOLUTE NRBC COUNT         12.2         H         10^3/uL         4 - 11         Electrical Impedance           NEUTROPHILS         79         H         %         40 - 75         VCS 360 Technology           LYMPHOCYTES         10         ½         %         0 - 6         VCS 360 Technology           BASOLUTE COUNT         2         %         1 - 6         VCS 360 Technology           ABSOLUTE NEUTROPHIL COUNT <th>RBC COUNT</th> <th>5.2</th> <th></th> <th>10^6/μL</th> <th>4.3 - 5.7</th> <th>Electrical Impedance</th>	RBC COUNT	5.2		10^6/μL	4.3 - 5.7	Electrical Impedance
MCH         30.1         pg         27 - 32         Calculation           MCHC         33.8         g/dL         32 - 37         Calculation           *RDW         12.6         %         11.8 - 15.6         Calculation           *RDW-SD         38.90         fL         7.6 - 10.8         Calculation           MPV         8.5         fL         7.6 - 10.8         Calculation           PLATELET COUNT         267         10^3/uL         150 - 450         Electrical Impedance           * NUCLEATED RBC (NRBC)         0         /100 WBC         VCS 360 Technology           * ABSOLUTE NRBC COUNT         0         10^3/uL         4 - 11         Electrical Impedance           * WBC COUNT         12.2         H         10^3/uL         4 - 11         Electrical Impedance           NEUTROPHILS         79         H         %         40 - 75         VCS 360 Technology           LYMPHOCYTES         10         L         %         0 - 6         VCS 360 Technology           BASOHITE SOLUTE         5         %         0 - 6         VCS 360 Technology           MONOCYTES         6         %         1 - 6         VCS 360 Technology           BASOLUTE NEUTROPHIL COUNT         9.64	HEMATOCRIT	46.7		%	38 - 50	Calculation
MCHC         33.8         g/dL         32-37         Calculation           * RDW         12.6         %         11.8 - 15.6         Calculation           * RDW-SD         38.90         fL         7.6 - 10.8         Calculation           MPV         8.5         fL         7.6 - 10.8         Calculation           PLATELET COUNT         267         10^3/uL         150 - 450         Electrical Impedance           * NUCLEATED RBC (NRBC)         0         /100 WBC         VCS 360 Technology           * ABSOLUTE NRBC COUNT         0         10^3/uL         4 - 11         Electrical Impedance           * WBC COUNT         12.2         H         10^3/μL         4 - 11         Electrical Impedance           NEUTROPHILS         79         H         %         40 - 75         VCS 360 Technology           LYMPHOCYTES         10         ½         %         0 - 6         VCS 360 Technology           EOSINOPHILS         5         %         0 - 6         VCS 360 Technology           BASOLUTE COUNT         4         10^3/uL         1.6 - 8.25         Calculation           ABSOLUTE MEUTROPHIL COUNT         1.22         10^3/uL         0.8 - 4.95         Calculation           ABSOLUTE MONOCYTE COUNT<	MCV	89.1		fL	82 - 98	Calculation
*RDW         12.6         %         11.8 - 15.6         Calculation           *RDW-SD         38.90         fL         Calculation           MPV         8.5         fL         7.6 - 10.8         Calculation           PLATELET COUNT         267         10^3/uL         150 - 450         Electrical Impedance           * NUCLEATED RBC (NRBC)         0         100 3/uL         VCS 360 Technology         VCS 360 Technology           * ABSOLUTE NRBC COUNT         1         10 3/uL         4 - 11         Electrical Impedance           WBC COUNT         79         H         %         40 - 75         VCS 360 Technology           LYMPHOCYTES         10         L         %         20 - 45         VCS 360 Technology           BOSINOPHILS         5         %         0 - 6         VCS 360 Technology           BASOLUTE COUNT         9.64         H         10^3/uL         1.6 - 8.25         Calculation           ABSOLUTE LYMPHOCYTE COUNT         1.22         10^3/uL         0.8 - 4.95         Calculation           ABSOLUTE MONOCYTE COUNT         0.73         H         10^3/uL         0.04 - 0.66         Calculation           ABSOLUTE EOSINOPHIL COUNT         0.61         10.73/uL         10.066         Calculatio	мсн	30.1		pg	27 - 32	Calculation
* RDW-SD         38.90         fL         Calculation           MPV         8.5         fL         7.6 - 10.8         Calculation           PLATELET COUNT         267         10^3/uL         150 - 450         Electrical Impedance           * NUCLEATED RBC (NRBC)         0         /100 WBC         VCS 360 Technology           * ABSOLUTE NRBC COUNT         0         10^3/uL         4 - 11         Electrical Impedance           WBC COUNT         12.2         H         10^3/μL         4 - 11         Electrical Impedance           NEUTROPHILS         79         H         %         40 - 75         VCS 360 Technology           LYMPHOCYTES         10         L         %         20 - 45         VCS 360 Technology           EOSINOPHILS         5         %         0 - 6         VCS 360 Technology           MONOCYTES         6         %         1 - 6         VCS 360 Technology           BASOLUTE COUNT         4         10^3/uL         1.6 - 8.25         Calculation           ABSOLUTE NEUTROPHIL COUNT         1.22         10^3/uL         0.8 - 4.95         Calculation           ABSOLUTE MONOCYTE COUNT         0.73         H         10^3/uL         0.04 - 0.66         Calculation           ABS	мснс	33.8		g/dL	32 - 37	Calculation
MPV   8.5   FL   7.6 - 10.8   Calculation     PLATELET COUNT   267   10^3/uL   150 - 450   Electrical Impedance     * NUCLEATED RBC (NRBC)   0   7100 WBC   VCS 360 Technology     * ABSOLUTE NRBC COUNT   0   10^3/uL   4 - 11   Electrical Impedance     NEUTROPHILS   79   H   %   40 - 75   VCS 360 Technology     LYMPHOCYTES   10   L   %   20 - 45   VCS 360 Technology     EOSINOPHILS   5   %   0 - 6   VCS 360 Technology     MONOCYTES   6   %   1 - 6   VCS 360 Technology     MONOCYTES   6   %   1 - 6   VCS 360 Technology     BASOPHILS   0   %   0 - 1   VCS 360 Technology     ABSOLUTE COUNT   1.22   %   %   0 - 1   VCS 360 Technology     ABSOLUTE LYMPHOCYTE COUNT   1.22   10^3/uL   1.6 - 8.25   Calculation     ABSOLUTE LYMPHOCYTE COUNT   1.22   10^3/uL   0.8 - 4.95   Calculation     ABSOLUTE MONOCYTE COUNT   0.73   H   10^3/uL   0.04 - 0.66   Calculation     ABSOLUTE EOSINOPHIL COUNT   0.61   0.61   0.03/uL   0.004 - 0.66   Calculation	* RDW	12.6		%	11.8 - 15.6	Calculation
PLATELET COUNT         267         10^3/uL         150 - 450         Electrical Impedance           * NUCLEATED RBC (NRBC)         0         /100 WBC         VCS 360 Technology           * ABSOLUTE NRBC COUNT         0         10^3/uL         4 - 11         Electrical Impedance           WBC COUNT         12.2         H         10^3/μL         4 - 11         Electrical Impedance           NEUTROPHILS         79         H         %         40 - 75         VCS 360 Technology           LYMPHOCYTES         10         L         %         20 - 45         VCS 360 Technology           EOSINOPHILS         5         %         0 - 6         VCS 360 Technology           MONOCYTES         6         %         1 - 6         VCS 360 Technology           BASOHILS         0         *         *         0 - 1         VCS 360 Technology           ABSOLUTE COUNT         9.64         H         10^3/uL         1.6 - 8.25         Calculation           ABSOLUTE WONOCYTE COUNT         1.22         10^3/uL         0.8 - 4.95         Calculation           ABSOLUTE EOSINOPHIL COUNT         0.61         10^3/uL         0.04 - 0.66         Calculation	* RDW-SD	38.90		fL		Calculation
* NUCLEATED RBC (NRBC) 0 /100 WBC /100 WBC	MPV	8.5		fL	7.6 - 10.8	Calculation
* ABSOLUTE NRBC COUNT         Calculation           TOTAL & DIFFERENTIAL COUNT (DC)           WBC COUNT         12.2         H         10^3/μL         4 - 11         Electrical Impedance           NEUTROPHILS         79         H         %         40 - 75         VCS 360 Technology           LYMPHOCYTES         10         L         %         20 - 45         VCS 360 Technology           EOSINOPHILS         5         %         0 - 6         VCS 360 Technology           MONOCYTES         6         %         1 - 6         VCS 360 Technology           BASOPHILS         0         9         1 - 6         VCS 360 Technology           ABSOLUTE COUNT         9.64         H         10^3/uL         1.6 - 8.25         Calculation           ABSOLUTE NEUTROPHIL COUNT         9.64         H         10^3/uL         0.8 - 4.95         Calculation           ABSOLUTE MONOCYTE COUNT         0.73         H         10^3/uL         0.04 - 0.66         Calculation           ABSOLUTE EOSINOPHIL COUNT         0.61         10^3/uL         0.00 - 0.66         Calculation	PLATELET COUNT	267		10^3/uL	150 - 450	Electrical Impedance
TOTAL & DIFFERENTIAL COUNT (DC)           WBC COUNT         12.2         H         10^3/μL         4 - 11         Electrical Impedance           NEUTROPHILS         79         H         %         40 - 75         VCS 360 Technology           LYMPHOCYTES         10         L         %         20 - 45         VCS 360 Technology           EOSINOPHILS         5         %         0 - 6         VCS 360 Technology           MONOCYTES         6         %         1 - 6         VCS 360 Technology           BASOPHILS         0         %         0 - 1         VCS 360 Technology           ABSOLUTE COUNT         9.64         H         10^3/uL         1.6 - 8.25         Calculation           ABSOLUTE LYMPHOCYTE COUNT         1.22         10^3/uL         0.8 - 4.95         Calculation           ABSOLUTE MONOCYTE COUNT         0.73         H         10^3/uL         0.04 - 0.66         Calculation           ABSOLUTE EOSINOPHIL COUNT         0.61         10^3/uL         0.04 - 0.66         Calculation	* NUCLEATED RBC (NRBC)	0		/100 WBC		VCS 360 Technology
WBC COUNT         12.2         H         10^3/μL         4 - 11         Electrical Impedance           NEUTROPHILS         79         H         %         40 - 75         VCS 360 Technology           LYMPHOCYTES         10         L         %         20 - 45         VCS 360 Technology           EOSINOPHILS         5         %         0 - 6         VCS 360 Technology           MONOCYTES         6         %         1 - 6         VCS 360 Technology           BASOPHILS         0         %         0 - 1         VCS 360 Technology           ABSOLUTE COUNT         4         10^3/uL         1.6 - 8.25         Calculation           ABSOLUTE LYMPHOCYTE COUNT         1.22         10^3/uL         0.8 - 4.95         Calculation           ABSOLUTE MONOCYTE COUNT         0.73         H         10^3/uL         0.04 - 0.66         Calculation           ABSOLUTE EOSINOPHIL COUNT         0.61         10^3/uL         0 - 0.66         Calculation	* ABSOLUTE NRBC COUNT	0		10^3/uL		Calculation
NEUTROPHILS         79         H         %         40 - 75         VCS 360 Technology           LYMPHOCYTES         10         L         %         20 - 45         VCS 360 Technology           EOSINOPHILS         5         %         0 - 6         VCS 360 Technology           MONOCYTES         6         %         1 - 6         VCS 360 Technology           BASOPHILS         0         %         0 - 1         VCS 360 Technology           ABSOLUTE COUNT         9.64         H         10^3/uL         1.6 - 8.25         Calculation           ABSOLUTE LYMPHOCYTE COUNT         1.22         10^3/uL         0.8 - 4.95         Calculation           ABSOLUTE MONOCYTE COUNT         0.73         H         10^3/uL         0.04 - 0.66         Calculation           ABSOLUTE EOSINOPHIL COUNT         0.61         10^3/uL         0 - 0.66         Calculation	<b>TOTAL &amp; DIFFERENTIAL COUNT (DC)</b>					
LYMPHOCYTES         10         L         %         20 - 45         VCS 360 Technology           EOSINOPHILS         5         %         0 - 6         VCS 360 Technology           MONOCYTES         6         %         1 - 6         VCS 360 Technology           BASOPHILS         0         %         0 - 1         VCS 360 Technology           ABSOLUTE COUNT         9.64         H         10^3/uL         1.6 - 8.25         Calculation           ABSOLUTE LYMPHOCYTE COUNT         1.22         10^3/uL         0.8 - 4.95         Calculation           ABSOLUTE MONOCYTE COUNT         0.73         H         10^3/uL         0.04 - 0.66         Calculation           ABSOLUTE EOSINOPHIL COUNT         0.61         10^3/uL         0 - 0.66         Calculation	WBC COUNT	12.2	Н	10^3/μL	4 - 11	Electrical Impedance
EOSINOPHILS         5         %         0 - 6         VCS 360 Technology           MONOCYTES         6         %         1 - 6         VCS 360 Technology           BASOPHILS         0         %         0 - 1         VCS 360 Technology           ABSOLUTE COUNT         4         H         10^3/uL         1.6 - 8.25         Calculation           ABSOLUTE LYMPHOCYTE COUNT         1.22         10^3/uL         0.8 - 4.95         Calculation           ABSOLUTE MONOCYTE COUNT         0.73         H         10^3/uL         0.04 - 0.66         Calculation           ABSOLUTE EOSINOPHIL COUNT         0.61         10^3/uL         0 - 0.66         Calculation	NEUTROPHILS	79	Н	%	40 - 75	VCS 360 Technology
MONOCYTES         6         %         1 - 6         VCS 360 Technology           BASOPHILS         0         %         0 - 1         VCS 360 Technology           ABSOLUTE COUNT         VCS 360 Technology         MONOCYTE COUNT         1.00 3/uL         1.6 - 8.25         Calculation           ABSOLUTE LYMPHOCYTE COUNT         1.22         10^3/uL         0.8 - 4.95         Calculation           ABSOLUTE MONOCYTE COUNT         0.73         H         10^3/uL         0.04 - 0.66         Calculation           ABSOLUTE EOSINOPHIL COUNT         0.61         10^3/uL         0 - 0.66         Calculation	LYMPHOCYTES	10	L	%	20 - 45	VCS 360 Technology
BASOPHILS         0         %         0 - 1         VCS 360 Technology           ABSOLUTE COUNT         4         10^3/uL         1.6 - 8.25         Calculation           ABSOLUTE LYMPHOCYTE COUNT         1.22         10^3/uL         0.8 - 4.95         Calculation           ABSOLUTE MONOCYTE COUNT         0.73         H         10^3/uL         0.04 - 0.66         Calculation           ABSOLUTE EOSINOPHIL COUNT         0.61         10^3/uL         0 - 0.66         Calculation	EOSINOPHILS	5		%	0 - 6	VCS 360 Technology
ABSOLUTE COUNT           ABSOLUTE NEUTROPHIL COUNT         9.64         H         10^3/uL         1.6 - 8.25         Calculation           ABSOLUTE LYMPHOCYTE COUNT         1.22         10^3/uL         0.8 - 4.95         Calculation           ABSOLUTE MONOCYTE COUNT         0.73         H         10^3/uL         0.04 - 0.66         Calculation           ABSOLUTE EOSINOPHIL COUNT         0.61         10^3/uL         0 - 0.66         Calculation	MONOCYTES	6		%	1 - 6	VCS 360 Technology
ABSOLUTE NEUTROPHIL COUNT         9.64         H         10^3/uL         1.6 - 8.25         Calculation           ABSOLUTE LYMPHOCYTE COUNT         1.22         10^3/uL         0.8 - 4.95         Calculation           ABSOLUTE MONOCYTE COUNT         0.73         H         10^3/uL         0.04 - 0.66         Calculation           ABSOLUTE EOSINOPHIL COUNT         0.61         10^3/uL         0 - 0.66         Calculation	BASOPHILS	0		%	0 - 1	VCS 360 Technology
ABSOLUTE LYMPHOCYTE COUNT         1.22         10^3/uL         0.8 - 4.95         Calculation           ABSOLUTE MONOCYTE COUNT         0.73         H         10^3/uL         0.04 - 0.66         Calculation           ABSOLUTE EOSINOPHIL COUNT         0.61         10^3/uL         0 - 0.66         Calculation	ABSOLUTE COUNT					
ABSOLUTE MONOCYTE COUNT         0.73         H         10^3/uL         0.04 - 0.66         Calculation           ABSOLUTE EOSINOPHIL COUNT         0.61         10^3/uL         0 - 0.66         Calculation	ABSOLUTE NEUTROPHIL COUNT	9.64	Н	10^3/uL	1.6 - 8.25	Calculation
ABSOLUTE EOSINOPHIL COUNT 0.61 10^3/uL 0 - 0.66 Calculation	ABSOLUTE LYMPHOCYTE COUNT	1.22		10^3/uL	0.8 - 4.95	Calculation
20 9,42	ABSOLUTE MONOCYTE COUNT	0.73	Н	10^3/uL	0.04 - 0.66	Calculation
	ABSOLUTE EOSINOPHIL COUNT	0.61		10^3/uL	0 - 0.66	Calculation
ABSOLUTE BASOPHIL COUNT 0 10^3/uL 0 - 0.11 Calculation	ABSOLUTE BASOPHIL COUNT	0		10^3/uL	0 - 0.11	Calculation

Sample Type: EDTA Whole Blood

ayana V. Shah

DR. ADLEY MARK FERNANDES

M.D (Pathology)

Pathologist

DR. VYOMA SHAH

M.D (Pathology)

Clinical Pathologist

This is an Electronically Authenticated Report.

Test result pertains only to the sample tested and to be interpreted in the light of clinical history. These tests are accredited under ISO 15189 unless specified by (\*). Test marked with # is performed in an accredited referral laboratory.





**CHRISTEENA FRANCIS** 

Laboratory Technologist









Mr. SARFRAZ NASAR

PID NO: 46690

Age: 26 Years Sex: Male DOB: 01-Feb-1999

Reference: Dr. KEERTHANA RANI **PADIPPURAYIL THARA** 

**Referred Client:** 

CITICARE MEDICAL CENTER

Unit G03, Al Barsha South Bldg, Al Barhsa South

Third, Dubai

VID: 5070110304

Collected on:

30-Jul-2025 02:00 PM

Registered on:

30-Jul-2025 05:32 PM

Reported on:

30-Jul-2025 07:01 PM

**Investigation Observed Value Flag** <u>Unit</u> **Biological Reference Interval** 

\* C-REACTIVE PROTEIN (CRP)

(Serum, Particle-enhanced immunoturbidimetric assay)

Note: Please correlate clinically.

< 5.0 10 Н mg/L

> Please note change. Source: Roche IFU.

INTERPRETATION:

- CRP measurements are used as aid in diagnosis, monitoring, prognosis, and management of suspected inflammatory disorders and associated diseases, acute infections and tissue injury.
- C-reactive protein is the classic acute phase protein in inflammatory reactions.
- CRP is the most sensitive of the acute phase reactants and its concentration increases rapidly during inflammatory processes. The CRP response frequently precedes clinical symptoms, including fever. After onset of an acute phase response, the serum CRP concentration rises rapidly and extensively. The increase begins within 6 to 12 hours and the peak value is reached within 24 to 48 hours. Levels above 100 mg/L are associated with severe stimuli such as major trauma and severe infection (sepsis).
- CRP response may be less pronounced in patients suffering from liver disease.
- CRP assays are used to detect systemic inflammatory processes (apart from certain types of inflammation such as systemic lupus erythematosus (SLE) and Colitis ulcerosa); to assess treatment of bacterial infections with antibiotics; to detect intrauterine infections with concomitant premature amniorrhexis; to differentiate between active and inactive forms of disease with concurrent infection, e.g. in patients suffering from SLE or Colitis ulcerosa; to therapeutically monitor rheumatic disease and assess anti-inflammatory therapy; to determine the presence of post-operative complications at an early stage, such as infected wounds, thrombosis and pneumonia, and to distinguish between infection and bone marrow transplant rejection."

----- End Of Report -----

**DR. ADLEY MARK FERNANDES** 

M.D (Pathology)

DR. VYOMA SHAH M.D (Pathology) **Clinical Pathologist** 

ayona V. Shah

This is an Electronically Authenticated Report.

30-Jul-2025 07:42 PM Printed on: **ACCREDITED** 

HALEEM HAKKIM

Laboratory Technician

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