

Registered Office:- # Plot No. 564, 1st floor, Buddhanagar, Near Sai Baba Temple Peerzadiguda Boduppal Hyderabad, Telangana. ICMR Reg. No. SAPALAPVLHT (Covid -19) Website:- www.sagepathlabs.com

REPORT -

	REF OR I		
Name	: Mrs. M KOMALA	Sample ID	: 24753798
Age/Gender	: 40 Years/Female	Reg. No	: 0312311230001
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 23-Nov-2023 07:53 AM
Primary Sample	: Whole Blood	Received On	: 23-Nov-2023 01:05 PM
Sample Tested In	: Serum	Reported On	: 23-Nov-2023 03:51 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

OSE INFOSYSTEMS PVT. LTD.

CLINICAL BIOCHEMISTRY					
ARTHRITIS PROFILE -II					
Test Name Results Units Ref. Range Method					

C-Reactive protein-(CRP)	2.49	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

*** End Of Report ***





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Name	: Mrs. M KOMALA	Sample ID	: 24753795			
Age/Gender	: 40 Years/Female	Reg. No	: 0312311230001			
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172			
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 23-Nov-2023 07:53 AM			
Primary Sample	: Whole Blood	Received On	: 23-Nov-2023 01:05 PM			
Sample Tested In	: Whole Blood EDTA	Reported On	: 23-Nov-2023 05:13 PM			
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report			

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HAEMATOLOGY						
	ARTHRIT	IS PROFILE	-11			
Test Name Re	esults l	Jnits I	Ref. Range	Method		
Complete Blood Picture(CBP)						
Haemoglobin (Hb) 12	2.6	g/dL	12-15	Cynmeth Method		
Haematocrit (HCT) 38	8.6	%	40-50	Calculated		
RBC Count 4.	.30	10^12/L	4.5-5.5	Cell Impedence		
MCV 90	0 1	fl	81-101	Calculated		
MCH 29	9.4	pg	27-32	Calculated		
MCHC 32	2.8	g/dL	32.5-34.5	Calculated		
RDW-CV 13	3.9	%	11.6-14.0	Calculated		
Platelet Count (PLT) 12	20	10^9/L	150-410	Cell Impedance		
Total WBC Count 4.	.9	10^9/L	4.0-10.0	Impedance		
Differential Leucocyte Count (DC)						
Neutrophils 65	5	%	40-70	Cell Impedence		
Lymphocytes 27	7	%	20-40	Cell Impedence		
Monocytes 05	5 .	%	2-10	Microscopy		
Eosinophils 03	3 (%	1-6	Microscopy		
Basophils 0	(%	1-2	Microscopy		
Absolute Neutrophils Count 3.	.19	10^9/L	2.0-7.0	Impedence		
Absolute Lymphocyte Count 1.	.32	10^9/L	1.0-3.0	Impedence		
Absolute Monocyte Count 0.	.25	10^9/L	0.2-1.0	Calculated		
Absolute Eosinophils Count 0.	.15	10^9/L	0.02-0.5	Calculated		
Absolute Basophil ICount 0.	.00	10^9/L	0.0-0.3	Calculated		
Morphology N	ormocytic nor	mochromic wit	h Mild Thrombocytopenia	PAPs Staining		

Result rechecked and verified for abnormal cases

*** End Of Report ***

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*TESTS CONDUCTED @ CENTRAL LAB, HYDERABAD



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Name	: Mrs. M KOMALA	Sample ID	: 24753795		
Age/Gender	: 40 Years/Female	Reg. No	: 0312311230001		
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172		
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 23-Nov-2023 07:53 AM		
Primary Sample	: Whole Blood	Received On	: 23-Nov-2023 01:05 PM		
Sample Tested In	: Whole Blood EDTA	Reported On	: 23-Nov-2023 05:13 PM		
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report		

	HAEMATOLOGY							
SE INFO	ARTHRITIS PROFILE -II							
	Test Name	Results	Units	Ref. Range	Method			

Erythrocyte Sedimentation Rate (ESR)	8	10 or less	Westergren method
Commenta · ESD is an equite phase resetant which indi	aataa muaaanaa	and intensity of an inflammatory process. It is never	diagnostia of a specific diagona

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.







Swarnabala.M DR.SWARNA BALA MD PATHOLOGY

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REPORT -

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lame	: Mrs. M KOMA	LA		Sa	mple ID	: 24753796, 24753798
ge/Gender	: 40 Years/Fer	nale		Re	g. No	: 0312311230001
Referred by	: Dr. SELF			SP	P Code	: SPL-CV-172
Referring Cu	stomer : V CARE MEDI	CAL DIAGNOSTICS		Со	llected On	: 23-Nov-2023 07:53 AM
rimary Sam	ple : Whole Blood			Re	ceived On	: 23-Nov-2023 01:05 PM
ample Test	ed In : Plasma-NaF(F	R), Serum		Re	ported On	: 23-Nov-2023 04:23 PM
lient Addre	ss : Kimtee colon	y ,Gokul Nagar,Tarna	aka	Re	port Status	: Final Report
		CLINICA	L BIOC	HEMIST	RY	
		ARTHR		OFILE -	1	
Test Name		Results	Units	R	ef. Range	Method
Glucose Ra	ndom (RBS)	117	mg/dL	70	0-140	Hexokinase (HK)
Interpretation	of Plasma Glucose based on AD.	A guidelines 2018				
Diagnosis	FastingPlasma Glucose(mg/dL)	2hrsPlasma Glucose(mg/dL)		HbA1c(%)	RBS(mg/dL)	
Prediabetes	100-125	140-199		5.7-6.4	NA	
Diahataa	400				>=200(with	

SE INFOSYSTEMS PVT. LTD.

Diagnosis	FastingPlasma Glucose(mg/dL)	2hrsPlasma 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. 							

• Uric acid is a chemical created when the body breaks down substances called purines. Purines are normally produced in the body and are also found in some foods and drinks. Foods with high content of purines include liver, anchovies, mackerel, dried beans and peas, and beer. Most uric acid dissolves in blood and travels to the kidneys. From there, it passes out in urine. If your body produces too much uric acid or does not remove enough if it, you can get sick. A high level of uric acid in the blood is called hyperuricemia. This test checks to see how much uric acid you have in your blood. Investigation and monitoring of inflammatory arthritis pain, particularly in big toe (gout)

- Useful in the investigation of kidney stones
- Aid in diagnosis, treatment, and monitoring of renal failure/disease
- Monitor patients receiving cytotoxic drugs (high nucleic acid turnover)
- Monitor diseases with nucleic acid metabolism and turnover (eg, leukemia, lymphoma, polycythemia)









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Age/Gender	: 40 Years/Female	Reg. No	: 0312311230001
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 23-Nov-2023 07:53 AM
Primary Sample	: Whole Blood	Received On	: 23-Nov-2023 01:05 PM
Sample Tested In	: Plasma-NaF(R), Serum	Reported On	: 23-Nov-2023 04:23 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report
-			

CLINICAL BIOCHEMISTRY				
ARTHRITIS PROFILE -II				
Test Name	Results	Units	Ref. Range	Method
Rheumatoid Factor, RA	11.3	IU/mL	<20.0	Immunoturbidometry

Interpretataion:

• This test detects evidence of rheumatoid factor (RF), which is a type of autoantibody. An antibody is a protective protein that forms in the blood in response to a foreign material, known as an antigen (for example a bacterial protein). Autoantibodies, however, are antibodies that attack one's own proteins rather than foreign protein. Rheumatoid factors are autoantibodies directed against the class of immunoglobulins known as IgG and are members of a class of proteins that become elevated in states of inflammation. Rheumatoid factor is elevated in many patients with both chronic and acute inflammation; it may be used to monitor the level of inflammation associated with rhematoid arthritis (RA). Other markers such as CRP are considered more accurate for disease monitoring. Experts still do not understand exactly how RF is formed or why, but it is believed that RF probably does not directly cause joint damage but that it helps to promote the body's inflammation reaction, which contributes to the tissue destruction seen in rheumatoid arthritis.

Anti Streptolysin O Titres

121.9 IU/mL

nL 0.0-200.0

Immunoturbidimetry

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M KOMALA	Sample ID	: 24753798			
ears/Female	Reg. No	: 0312311230001			
ELF	SPP Code	: SPL-CV-172			
RE MEDICAL DIAGNOSTICS	Collected On	: 23-Nov-2023 07:53 AM			
e Blood	Received On	: 23-Nov-2023 01:05 PM			
n	Reported On	: 23-Nov-2023 02:42 PM			
ee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report			
	M KOMALA ears/Female ELF RE MEDICAL DIAGNOSTICS e Blood m ee colony ,Gokul Nagar,Tarnaka	M KOMALA Sample ID ears/Female Reg. No ELF SPP Code RE MEDICAL DIAGNOSTICS Collected On e Blood Received On m Reported On ee colony ,Gokul Nagar,Tarnaka Report Status			

CLINICAL BIOCHEMISTRY						
Test Name	Results	Units	Ref. Range	Method		
Thyroid Profile-I(TFT)						
T3 (Triiodothyronine)	118.87	ng/dL	70-204	CLIA		
T4 (Thyroxine)	9.3	µg/dL	3.2-12.6	CLIA		
TSH -Thyroid Stimulating Hormone	1.51	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.

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Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report		

Client Address : K	imtee colony ,Gokul N	lagar, Tarr	naka	Report Status	: Final Report	
		CLINICA	L BIOCHE	MISTRY		
	ARTHRITIS PROFILE -II					
Test Name	F	Results	Units	Ref. Range	Method	
Anti Cyclic Citrullinated Antibodies	Peptide (CCP)	6.01	U/ml	Negative: < 18 Weak Positive: 18-24 Positive : 25-75 Strong Positive: > 75	immunoturbidimetry 1	

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		UKI	
Name	: Mrs. M KOMALA	Sample ID	: 24753798
Age/Gender	: 40 Years/Female	Reg. No	: 03123112
Referred by	: Dr. SELF	SPP Code	: SPL-CV-17
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 23-Nov-20
Primary Sample	: Whole Blood	Received On	: 23-Nov-20
Sample Tested In	: Serum	Reported On	: 23-Nov-20
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Repor

0312311230001 SPL-CV-172 23-Nov-2023 07:53 AM 23-Nov-2023 01:05 PM 23-Nov-2023 06:21 PM Final Report

IMMUNOLOGY & SEROLOGY					
ARTHRITIS PROFILE -II					
Test Name	Results	Units	Ref. Range	Method	
Anti Nuclear Antibody(ANA)					
Anti Nuclear Antibody	0.36	Index	Negative : <0.90 Equivocal:0.91-1.11 Positive : ≥1.11	ELISA	

Interpretation:

• A negative result indicates no antinuclear antigen has been found.

 A positive result indicates you are likely to have autoimmune disorder such as autoimmune hepatitis, autoimmune thyroid diseases, systemic lupus erythematosus, polymyositis or dermatomyositis, and others.

 ANAs refer to a diverse group of antibodies that target nuclear and cytoplasmic antigens. ANAs have been detected in the serum of patients with many rheumatic and non-rheumatic diseases as well as in patients with no definable clinical syndrome. The strong association of ANA with SLE is well established, and this finding satisfies the 1 of 11 criteria available for diagnosis.

The ANA ELISA screen is designed to detect antibodies against dsDNA, histones, SS-A (Ro), SS-B (La), Smith, Smith/RNP, ScI-70, Jo-1, centromeric proteins, and other antigens extracted from the HEp-2 cell nucleus. ANA ELISA assays have been reported to have lower sensitivities than ANA IFA for systemic autoimmune rheumatic diseases (SARD). Negative results do not necessarily rule out SARD.

ANA is useful in the diagnosis of patients with autoimmune diseases such as SLE, Mixed connective tissue disease, Rheumatoid arthritis, Sjogren's syndrome, Progressive systemic sclerosis and CREST syndrome. The incidence of low titre ANA positivity increases with age in normal individuals. many drugs like Hydralazine and Procainamide may induce ANA production.

Correlate Clinically.

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DR. RUTURAJ MANIKLAL KOLHAPURE MD, MICROBIOLOGIST

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