



**Microbiological  
Laboratory**



Customer Information		Physician Information		Sample Information	
<b>Billid :</b> 0101418495		<b>Ref. by Dr.:</b> SELF		<b>Printed Date :</b> 27/12/2022 16:23	
<b>Name :</b> Mr/Ms PRAKASAM S				<b>Sample Date :</b> 27/12/2022 11:28	
<b>Age &amp; Sex :</b> 43Y / Male	<b>DOB :</b> 18/03/1979			<b>Sample Collected at :</b> Coimbatore-HO	
NO 23 GANDHI ST ANDIPALAYAM PERUR POST CBE 641010					
	<b>Reg No :</b> 010225937				
<b>Final Test Report Page 1 of 16</b>					

Spec.type	Test Name	Results	Previous Results (Date)	units	Reference Ranges/Methods	Verified by	Verified date & Time	Test QRcode
<b>CLINICAL PATHOLOGY</b>								
BLOOD	E S R ( westergren) 1 hr reading	2	6(28/01/2020)	mm	< 50yrs < 15mm/hr 50-85yrs < 20mm/hr >85yrs < 30mm/hr Manual-Westergren method EDTA BLOOD)	Baghiam R	27/12/2022:12:59	
<b>HAEMOGRAM - COMPLETE</b>								
BLOOD	TOTAL LEUCOCYTE (WBC)	4180	3720(28/01/2020)	cells/uL	4000-10000 Men (Adult) Flourescence Flowcytometry Method	Baghiam R	27/12/2022:12:59	
Ref. Ranges for Childrens : (Birth 10000-26000, 0-3 days 7000-23000, 4-7 days 6000-22000, 8-14 days 6000-22000, 15day-1 mon 5000-19000, 2mon-3mon 5000-15000, 4-6 mons 6000-18000, 7mons-1 yr 6000-16000, 2-6 yrs 5000-15000, 7-12 yrs 5000-13000, Reference:Dacie and Lewis.)								
BLOOD	TOTAL RBC COUNT	5.08	5.16(28/01/2020)	million/uL	4.5-5.5 Men (Adult) Hydro Dynamic Focusing Method	Baghiam R	27/12/2022:12:59	
Ref. Ranges for Childrens : (Birth 5.0-7.0, 0-3 days 4.0-6.6, 4-7 days 3.9-6.3, 8-14 days 3.6-6.2, 15day-1 mon 3.0-5.4, 2mon-3mon 3.1-4.3, 4-6 mons 4.1-5.3, 7mons-1 yr 3.9-5.1, 2-6 yrs 4.0-5.2, 7-12 yrs 4.0-5.2)								
BLOOD	HAEMOGLOBIN	14.6	15.0(28/01/2020)	g/dl	13.0-17.0 Men (Adult) SLS Haemoglobin Method	Baghiam R	27/12/2022:12:59	



Dr.Dominic MD.,  
(Hematopath) FRCP(Hematology)

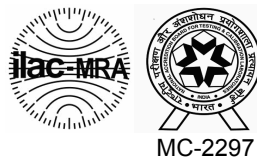


M. Mani M.Sc., (Medical Microbiology)  
Chief of Laboratory Service



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Ref. Ranges for Childrens : (Birth 14.0-22.0, 0-3 days 15-21, 4-7 days 17.1-17.9, 8-14 days 16.1-16.9, 15day-1 mon 11.5-16.5, 2mon-3mon 9.4-13.0, 4-6 mons 11.1-14.1, 7mons-1 yr 11.1-14.1, 2-6 yrs 11.0-14.0, 7-12 yrs 11.5-15.5)								
BLOOD	PCV	44.4	43.4(28/01/2020)	%	40-50 Men (Adult) Pulse Height Detection (Impedence Method)	Baghiam R	27/12/2022:12:59	
Ref. Ranges for Childrens : (BIRTH 45-75, 0-3 days 45-67, 4-7 days 42-66, 8-14 days 49-53, 15day-1 mon 33-53, 2mon-3mon 28-42, 4-6 mons 30-40, 7mons-1 yr 30-38, 2-6 yrs 34-40, 7-12 yrs 35-45)								
BLOOD	MCV	87.4	84.1(28/01/2020)	fL	83-101 Men (Adult) Calculated Method	Baghiam R	27/12/2022:12:59	
Ref. Ranges for Childrens : (Birth 100-120, 0-3 days 92-118, 4-7 days 88-126, 8-14 days 86-124, 15days-1 mon 92-116, 2mon-3mon 87-103, 4-6 mons 68-84, 7mons-1 yr 72-84, 2-6 yrs 75-87, 7-12 yrs 77-95)								
BLOOD	MCH	28.7	29.1(28/01/2020)	pg	27.0-32.0 Men (Adult) Calculated	Baghiam R	27/12/2022:12:59	
Ref. Ranges for Childrens : (Birth 31-37, 0-3 days 31-37, 4-7 days 31-37, 8-14 days 31-37, 15days-1 mon 30-36, 2mon-3mon 27-33, 4-6 mons 24-30, 7mons-1 yr 25-29, 2-6 yrs 24-30, 7-12 yrs 25-33)								
BLOOD	MCHC	32.8	34.6(28/01/2020)	gm/dL	31.5-34.5 Men (Adult) Calculated	Baghiam R	27/12/2022:12:59	
Ref. Ranges for Childrens : (Birth 30-36, 0-3 days 29-37, 4-7 days 28-38, 8-14 days 28-38, 15days-1 mon 29-37, 2mon-3mon 28.5-35.5, 4-6 mons 30-36, 7mons-1 yr 32-36, 2-6 yrs 31-37, 7-12 yrs 31-37)								
BLOOD	PLATELETS COUNT	244000	232000(28/01/2020)	cells/uL	150000-410000 Men (Adult) ( Hydro Dynamic Focusing Method)	Baghiam R	27/12/2022:12:59	
Ref. Ranges for Childrens : (Birth 100000-450000, 0-3 days 210000-500000, 4-7 days 160000-500000, 8-14 days 170000-500000, 15day-1 mon 200000-500000, 2mon-3mon 210000-650000, 4-6 mons 200000-550000, 7mons-1 yr 200000-550000, 2-6 yrs 200000-490000, 7-12 yrs 170000-450000)								
BLOOD	RDW CV	11.6	12.1(28/01/2020)	%	11.6-14.0 (Calculated Method)	Baghiam R	27/12/2022:12:59	
BLOOD	MPV	6.4	9.2(28/01/2020)	fL	6.0 - 10.0 (Calculated Method)	Baghiam R	27/12/2022:12:59	
BLOOD	POLYMORPHS	54	59.6(28/01/2020)	%	40-80 Flourescence Flowcytometry Method	Baghiam R	27/12/2022:12:59	
BLOOD	LYMPHOCYTES	35	32.3(28/01/2020)	%	20-40 Flourescence Flowcytometry Method	Baghiam R	27/12/2022:12:59	



Dr.Dominic MD.,  
(Hematopath) FRCP(Hematology)

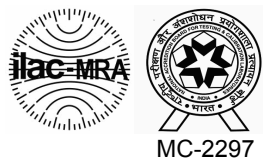


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BLOOD	MONOCYTES	06	3.0(28/01/2020)	%	2.0-10.0 Flourescence Flowcytometry Method	Baghiam R	27/12/2022:12:59
BLOOD	EOSINOPHIL	05	4.3(28/01/2020)	%	1.0-6.0 Flourescence Flowcytometry Method	Baghiam R	27/12/2022:12:59
BLOOD	NRBC	0.0	/(28/01/2020)	%	Fluroscence Flow Cytometry Method	Baghiam R	27/12/2022:12:59
BLOOD	BASOPHILS	00	0.8(28/01/2020)	%	<1-2 Flourescence Flowcytometry Method	Baghiam R	27/12/2022:12:59
BLOOD	Absolute Neutrophil count	2257	2220(28/01/2020)	cells/uL	2000 - 7000 Calculated Method	Baghiam R	27/12/2022:12:59
BLOOD	Absolute Lymphocyte Count	1463	1200(28/01/2020)	cells/uL	1000 - 3000 Calculated Method	Baghiam R	27/12/2022:12:59
BLOOD	Absolute Monocyte Count	251	110(28/01/2020)	cells/uL	200 - 1000 Calculated Method	Baghiam R	27/12/2022:12:59
BLOOD	Absolute Eosinophil Count	209	160(28/01/2020)	cells/uL	20-500 Calculated Method	Baghiam R	27/12/2022:12:59
BLOOD	Absolute Basophil Count	00	30(28/01/2020)	cells/uL	20 - 100 Calculated Method	Baghiam R	27/12/2022:12:59
<b>URINE COMPLETE (Sysmex automated urine chemistry and deposits analyzer)</b>							
URINE	COLOR	Pale Yellow			Pale Yellow or Straw Yellow, Automated Refractrometry method.	Baghiam R	27/12/2022:13:00
URINE	pH	7.0			4.5 - 7.5 Automated Reflectance Photometry Method.	Baghiam R	27/12/2022:13:00



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URINE	SPECIFIC GRAVITY	1.021			1.001 - 1.025 Automated Refractrometry Method.	Baghiam R	27/12/2022:13:00
URINE	PROTEIN	Negative			Negative, Reflectance Photometry	Baghiam R	27/12/2022:13:00
Negative : < 10mg/dl, Trace : 10-20mg/dl, 1+ : 30-70mg/dl, 2+ : 100-200mg/dl, 3+ : 300-600mg/dl, 4+ : >600mg/dl							
URINE	KETONE	Negative			Negative, Reflectance Photometry	Baghiam R	27/12/2022:13:00
Negative : <10mg/dl, 1+ : 10-20mg/dl, 2+ : 40-60mg/dl, 3+ : 80-100mg/dl, 4+ : >150mg/dl							
URINE	GLUCOSE	Negative			Negative, Reflectance Photometry	Baghiam R	27/12/2022:13:00
Negative : < 30mg/dl, Trace : 30-50mg/dl, 1+ : 70-100mg/dl, 2+ : 150-200mg/dl, 3+ : 300-500mg/dl, 4+ : >1000mg/dl							
URINE	BILIRUBIN	Negative			Negative, Reflectance Photometry	Baghiam R	27/12/2022:13:00
Negative : < 0.5mg/dl, 1+ : 0.5-1.0mg/dl, 2+ : 2-4mg/dl, 3+ : 6-10mg/dl, 4+ : >10mg/dl							
URINE	UROBILINOGEN	normal			Normal : < 2mg/dl, 1+ : 2-3mg/dl, 2+ : 4-6mg/dl, 3+ : 8-12mg/dl, 4+ : > 12mg/dl Automated Reflectance Photometry Method	Baghiam R	27/12/2022:13:00
URINE	NITRITE	Negative			Automated Reflectance Photometry Method	Baghiam R	27/12/2022:13:00
URINE	RBC	0.7		/hpf	0 - 4.14 /hpf (Flow Cytometry method)	Baghiam R	27/12/2022:13:00
URINE	WBC	0.0		/hpf	0 - 4.5 /hpf (Flow Cytometry method)	Baghiam R	27/12/2022:13:00
URINE	EPITHELIAL CELLS	0.0		/hpf	0 - 5.58 /hpf (Flow Cytometry method)	Baghiam R	27/12/2022:13:00
URINE	CAST	0.00		/hpf	0 - 0.18 /hpf (Flow Cytometry method)	Baghiam R	27/12/2022:13:00



*[Signature]*

Dr.Dominic MD.,  
(Hematopath) FRCP(Hematology)



*[Signature]*  
M. Mani M.Sc., (Medical Microbiology)  
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URINE	CRYSTAL	0.0		/hpf	0 - 0.18 /hpf (Flow Cytometry method)	Baghiam R	27/12/2022:13:00
URINE	BACTERIA	3.3		uL	0 - 500 uL (Flow Cytometry method)	Baghiam R	27/12/2022:13:00
URINE	YEAST CELLS	0.0		/hpf	0 - 0.18 /hpf (Flow Cytometry method)	Baghiam R	27/12/2022:13:00
URINE	SPERM	0.0		/hpf	0 - 9 /hpf (Flow Cytometry method)	Baghiam R	27/12/2022:13:00



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(Hematopath) FRCP(Hematology)



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<b>BIOCHEMISTRY</b>								
SERUM	GLUCOSE ( fasting )	89	95.2(28/01/2020)	mg/dl	W.E.F:10/08/2021 Child: 60-100; Adult 74-106,60-90Yrs: 82-115, >90yrs: 75-121, Criteria For Diagnosis of Diabetes Mellitus: more than 126 (HEXOKINASE- End point method)wef 18/06/15. Tietz-Clinical guide-4th Edition Pg.No: 444	Dr.U.Devaki	27/12/2022:12:35	
SERUM	Vit D Total ( 25-OH )	↓ 10		ng/mL	w e f : 07/08/2021 Less than 10 (severe deficiency) 10 to 24 (mild-moderate deficiency) 25 to 80 (Optimal level) Morethan 80 (toxicity possible) CMIA method, Ref:Tietz, Clinical guide to Lab Tests 4th Edition Page No: 1138	Dr.U.Devaki	27/12/2022:12:35	



Dr.U.Devaki PhD  
Senior Biochemist

Dr.Bhushan Ph.D.,  
H.O.D Biochemistry



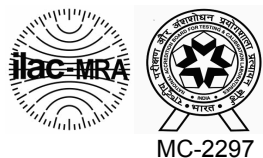
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Spec.type	Test Name	Results	Previous Results (Date)	units	Reference Ranges/Methods	Verified by	Verified date & Time	Test QRcode
SERUM	T4	9.0	8.7(28/01/2020)	ug/dL	W.E.F:13/08/2021,Adult 4.6 - 10.5, >60yrs 5.0-10.7 cord 7.4-13.0 1-3 days 11.8-22.6 1-2 wk 9.8-16.6 1-4 mon 7.2-14.4 4-12 mon 7.8-16.5 1-5 yr 7.3-15 5-10 yr 6.4-13.3 10-15yr 5.6-11.7 CMIA method.Ref: Tietz, Clinical guide to Lab Tests 4th Edition Pg No:1050	Dr.U.Devaki	27/12/2022:12:35	
SERUM	TSH	0.6	0.71(28/01/2020)	uIU/mL	w.e.f : 07/08/2021,Premature infants (28 - 36 wk gestation) : 0.7 - 27, 1 - 4 days : 1.0 - 39, 2 - 20 wk : 1.7 - 9.1, 5 mon - 20 yrs : 0.7 - 6.4,Adults 21 - 54 yr : 0.4 - 4.2, 55 - 87 yr : 0.5 - 8.9, CMIA method Method.Ref: Tietz, Clinical guide to Lab Tests 4th Edition Page No:1040	Dr.U.Devaki	27/12/2022:12:35	
SERUM	HOMOCYSTEINE(TOTAL)	14.67		umol/L	5.46 TO 16.20 (CMIA Method) Increased-strong risk factor for coronary artery ,cerebrovascular and peripheral vascular disease,renal failure,venous thromboembolism,vascular dementia and Alzheimers disease.	Dr.U.Devaki	27/12/2022:12:35	



Dr.U.Devaki PhD  
Senior Biochemist

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H.O.D Biochemistry



M. Mani M.Sc., (Medical Microbiology)  
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Spec.type	Test Name	Results	Previous Results (Date)	units	Reference Ranges/Methods	Verified by	Verified date & Time	Test QRcode
<b>HbA1c</b>								
BLOOD	HbA1c (Glycosylated Hb)	5.1	5.3(28/01/2020)	%	>8.0 : Action Suggested, <7.0 : Goal: <6.0 : Non-Diabetic level. Automated HPLC method. Ref:Kit insert	Dr.U.Devaki	27/12/2022:12:34	
BLOOD	Mean Plasma Glucose Level (over the past 60-90 days)	104	111.38(28/01/2020)	mg/dl		Dr.U.Devaki	27/12/2022:12:34	
<b>LIPID PROFILE</b>								
SERUM	CHOLESTEROL	183	185.9(28/01/2020)	mg/dl	W.E.F:13/08/2021,Desirable:<200, Border line 200-239,High > 240. ( CHOD - PAP - Method ) Ref: Tietz, Clinical guide to Lab Tests 4th Edition Page No:244	Dr.U.Devaki	27/12/2022:12:35	
SERUM	TRIGLYCERIDES	58	81.3(28/01/2020)	mg/dl	wef07/08/21.Normal-Less than 150;Border line 150-199, high 200-499. very high >500 ( GPO - PAP method ) Ref: Tietz, Clinical guide to Lab Tests 4th Edition Pg No:1074	Dr.U.Devaki	27/12/2022:12:35	
SERUM	HDL CHOLESTEROL	55	53(28/01/2020)	mg/dl	W.E.F:13/08/2021, Desirable level / low risk: > 60 mg/dL Low level / high risk: <40 mg/dL Tietz-Clinical guide-4th Edition Pg.No: 564 Method:Direct	Dr.U.Devaki	27/12/2022:12:35	



Dr.U.Devaki PhD  
Senior Biochemist

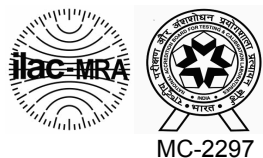
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M. Mani M.Sc., (Medical Microbiology)  
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SERUM	LDL CHOLESTEROL	116	116.6(28/01/2020)	mg/dl	wef:18/6/2015;Optimal:<100;Near optimal:<130;borderline high:130-159;High:160-189; Very High:>190(CALCULATION) Ref: Tietz, Clinical guide to Lab Tests 4th Edition pg.no: 684	Dr.U.Devaki	27/12/2022:12:35	
SERUM	VLDL cholesterol	12	16.3(28/01/2020)	mg/dl	< 35	Dr.U.Devaki	27/12/2022:12:35	
SERUM	CHOLESTEROL/HDL RATIO	3.3	3.5(28/01/2020)		0 to 10	Dr.U.Devaki	27/12/2022:12:35	
SERUM	Non HDL CHOLESTEROL	128	132.9(28/01/2020)	mg/dl	< 130	Dr.U.Devaki	27/12/2022:12:35	
<b>Liver and Kidney Profile</b>								
SERUM	UREA	28.0	20.2(28/01/2020)	mg/dl	wef:07/08/2021; Cord: 45-85.7, Premature 1 week: 6.4-53.6, < 1 yr : 8.6-40.7, Infant/Child:10.7-38.6, 18-60yrs:12.9-42.9,60-90yrs:17.1-49.3 > 90 Yrs: 21.4-66.4( Urease GLDH method )Ref: Tietz, Clinical guide to Lab Tests 4th Edition Pg No:1096	Dr.U.Devaki	27/12/2022:12:35	



**Dr.U.Devaki PhD**  
Senior Biochemist

**Dr.Bhushan Ph.D.,**  
H.O.D Biochemistry



**M. Mani** M.Sc., (Medical Microbiology)  
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SERUM	CREATININE	0.8	0.81(28/01/2020)	mg/dl	wef:18/6/2015;Infant:0.2-0.4; Child:0.3-0.7;Adolescent:0.5-1.0;18-60yrs:0.9-1.3;60-90yrs:0.8-1.3 more than 90 yrs: 1.0 - 1.7 ( Jaffe - Kinetic method )Ref: Tietz, Clinical guide to Lab Tests 4th Edition Page No:316	Dr.U.Devaki	27/12/2022:12:35	
SERUM	Uric Acid	5.4	5.6(28/01/2020)	mg/dl	w.e.f 07/08/2021 Adult: 3.5 to 7.2 Child 2.0 to 5.5 ( Higher in newborn )( Method : Uricase) Ref: Tietz, Clinical guide to Lab Tests 4th Edition Pg No:1098	Dr.U.Devaki	27/12/2022:12:35	
SERUM	CALCIUM (Total)	9.0	9.5(28/01/2020)	mg/dl	wef:18/06/2015; 8.6 to 10.2 ( Arsenazo III - method; Ref: Tietz, Clinical guide to Lab Tests 4th Edition Page No:202	Dr.U.Devaki	27/12/2022:12:35	
SERUM	PHOSPHOROUS	3.2	2.9(28/01/2020)	mg/dl	wef:13/05/2017 0 - 9 days: 4.5 - 9.0 ,, 10 days - 2 yrs: 4.0 - 6.5 3 - 9 yrs: 3.2 - 5.8, 10-15 Yrs: 3.3-5.4,16- 59 Yrs: 2.4-4.4, 60-89 Yrs:2.3- 3.7 ,> 89 Yrs: 2.2-3.9 Method:Phospho Molybdate End Point Ref: Tietz, Clinical guide to Lab Tests 4th Edition Page 852	Dr.U.Devaki	27/12/2022:12:35	



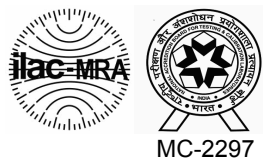
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Spec.type	Test Name	Results	Previous Results (Date)	units	Reference Ranges/Methods	Verified by	Verified date & Time	Test QRcode
SERUM	SODIUM	144	138.3(28/01/2020)	mEq/L	wef:07/8/2021; Premature cord: 116-140, premature 48 Hrs:128-148, Newborn cord: 126-166,Newborn Full term : 133-146,infants:139-146,children:138-145,Adult :136-145,>90:132-146( ISE - Indirect method )Ref: Tietz, Clinical guide to Lab Tests 4th Edition Page No:992	Dr.U.Devaki	27/12/2022:12:35	
SERUM	POTASSIUM	4.4	4.8(28/01/2020)	mEq/L	W.E.F:13/08/2021,Premature cord: 5.0-10.2,Premature 48 hrs: 3.0 to 6.0 ,New born Cord: 5.6-12.0,New Born : 3.7-5.9, Infant 4.1 to 5.3, Child 3.4 to 4.7, Adult 3.5 to 5.1 ( ISE - Indirect method )Ref: Tietz, Clinical guide to Lab Tests 4th Edition Page No:880	Dr.U.Devaki	27/12/2022:12:35	
SERUM	S G O T	31	29.3(28/01/2020)	U/L	wef:07/08/2021; New Born : 25-75,Infant:15-60;Adult:8-20,Morethan 60 yrs: 11-26,(UV kinetic- Modified IFCC )Ref: Tietz, Clinical guide to Lab Tests 4th Edition Page No 154	Dr.U.Devaki	27/12/2022:12:35	



Dr.U.Devaki PhD  
Senior Biochemist

Dr.Bhushan Ph.D.,  
H.O.D Biochemistry



M. Mani M.Sc., (Medical Microbiology)  
Chief of Laboratory Service





**Billid : 0101418495** Mr/Ms. PRAKASAM S 43Y / Male  
NO 23 GANDHI ST ANDIPALAYAM PERUR POST CBE 641010

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Spec.type	Test Name	Results	Previous Results (Date)	units	Reference Ranges/Methods	Verified by	Verified date & Time	Test QRcode
SERUM	S G P T	41	34.3(28/01/2020)	U/L	wef:07/08/2021: Newborn to 12 months:13-45, 12 months- 60 yrs: 10-40,60-90yrs:13-40, > 90 Yrs:6-38 Modified IFCC - UV Kinetic method;Ref: Tietz, Clinical guide to Lab Tests 4th Edition Page N0 64	Dr.U.Devaki	27/12/2022:12:35	
SERUM	ALKALINE PHOSPHATASE	53	61.0(28/01/2020)	U/L	W.E.F:09/08/2021;1-12yrs: upto 350,12-14yrs: upto 500, >20yrs: 25-100 (4 PNPP-AMP hydrolysis-kinetic Method )Ref: Tietz, Clinical guide to Lab Tests 4th Edition Page:80	Dr.U.Devaki	27/12/2022:12:35	
SERUM	BILIRUBIN TOTAL	0.69	0.98(28/01/2020)	mg/dl	W.E.F:09/08/2021 Cord Blood : <2.0 0-1 days: 1.4-8.7,1-2 days: 3.4- 11.5, 3- 5 days: 1.5-12.0,>5days-60yrs:0.3-1.2,60-90yrs:0.2-1.1,> 90yrs:0.2-0.9, Diazotized sulfanilic Acid Method; Tietz-Clinical guide-4th Edition Pg.No172	Dr.U.Devaki	27/12/2022:12:35	
SERUM	PROTEIN TOTAL	7.1	7.2(28/01/2020)	gm/dL	wef:18/06/2015;Cord: 4.8-8.0, Premature: 3.6-6.0,Newborn:4.6-7.0, 1week:4.4-7.6,7 month-1 Year: 5.1-7.3, 1-2 Year: 5.6-7.5,> 3years: 6.0-8.0,Adult, Ambulatory:6.4-8.3,Recumbent:6.0-7.8 (Method: Biuret )Ref: Tietz, Clinical guide to Lab Tests 4th Edition Page No:916	Dr.U.Devaki	27/12/2022:12:35	



Dr.U.Devaki PhD  
Senior Biochemist

Dr.Bhushan Ph.D.,  
H.O.D Biochemistry



Dr. Mani M.Sc., (Medical Microbiology)  
Chief of Laboratory Service






**Billid : 0101418495** Mr/Ms. PRAKASAM S 43Y / Male  
NO 23 GANDHI ST ANDIPALAYAM PERUR POST CBE 641010

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Spec.type	Test Name	Results	Previous Results (Date)	units	Reference Ranges/Methods	Verified by	Verified date & Time	Test QRcode
<b>VIROLOGY</b>								
SERUM	ANTI HBc Total	Nonreactive			Method: CMIA	Dr.U.Devaki	27/12/2022:12:35	

Presence of Anti-HBc is an indicator of current or Past HBV infection. It is found in serum shortly after the appearance of HBsAg in acute HBV infections and persist after the disappearance of HBsAg and before the appearance of Anti-HBs. If other HBV markers are absent and the presence of only Anti -HBc may be considered as actively infected with HBV infections or infection may have resolved leaving the person immune.



Dr.U.Devaki PhD  
Senior Biochemist

Dr.Bhushan Ph.D.,  
H.O.D Biochemistry



M. Mani M.Sc., (Medical Microbiology)  
Chief of Laboratory Service





**Billid : 0101418495** Mr/Ms. PRAKASAM S 43Y / Male  
NO 23 GANDHI ST ANDIPALAYAM PERUR POST CBE 641010

Ref. by Dr.: SELF

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Spec.type	Test Name	Results	Previous Results (Date)	units	Reference Ranges/Methods	Verified by	Verified date & Time	Test QRcode
<b>BIOCHEMISTRY</b>								
SERUM	IgE TOTAL	17.55		IU/ml	W.E.F:13/08/2021, Infants (Less than 1yr): 1.4-52.3 IU/mL Children (1- 4 years) : 0.4-351.6 IU/mL Children (5- 10 years) : 0.5-393 IU/mL Children (11 - 15 years): 1.9-170 IU/mL Adults: < 158 IU/mL Method ECLIA; Tietz-Clinical guide-4th Edition Pg.No: 1758	Saradha G M	27/12/2022:13:00	
If >500, Advised Allergic Panel tests.								
SERUM	GLUCOSE ( PP)	88		mg/dl	W.E.F:13/08/2021, Criteria for Diabetes: More than 200(HEXOKINASE - End point method) )Ref: Tietz, Clinical guide to Lab Tests 4th Edition Pg.No: 444	Saradha G M	27/12/2022:16:05	
SERUM	Lipo Protein a ( LP(a) )	2.3	2.2(28/01/2020)	mg/dl	W.E.F:13/08/2021, Less than 30.0 (Immunoturbidimetric method)Ref : Kit Insert, A high Lpa level may increase a persons risk for cardio and/or cerebral vascular disease. It is currently the strongest genetic, casual and independent risk factor for heart disease, aortic stenosis, thrombosis and stroke. If you have high LPa, each of your children has at least 50% chance of inheriting it	Saradha G M	27/12/2022:16:03	



Saradha G M.Sc.  
Senior Biochemist

Dr. Bhushan Ph.D.,  
H.O.D Biochemistry



M. Mani M.Sc., (Medical Microbiology)  
Chief of Laboratory Service







**Billid : 0101418495** Mr/Ms. PRAKASAM S 43Y / Male  
NO 23 GANDHI ST ANDIPALAYAM PERUR POST CBE 641010

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Spec.type	Test Name	Results	Previous Results (Date)	units	Reference Ranges/Methods	Verified by	Verified date & Time
SERUM	B12 level	↓ 180.3		pg/mL	w.e.f:10/08/2022, 250-1100 Method:CMIA/ECLIA; Tietz-Clinical guide-4th Edition Pg.No: 1124	Saradha G M	27/12/2022:13:00
SERUM	FOLATE	7.0		ng/mL	W.E.F:13/08/2021, Normal : 5-16 Folate responsive megaloblastic anemia : < 3 Tietz-Clinical guide-4th Edition Pg.No: 410; Method:CMIA	Saradha G M	27/12/2022:13:00
SERUM	FERRITIN level	46.60		ng/mL	w.e.f 07.08.2021 Newborn: 25-200 1 month: 200-600 2-5 month: 50-200 6 month -15 yrs: 7-140 Adult:: 20 - 250 Iron Overload: > 400, Tietz-Clinical guide-4th Edition Pg.No: 392; Method:ECLIA/CMIA	Saradha G M	27/12/2022:13:00

**Liver and Kidney Profile**

SERUM	Gamma Globulin	1.01		g/dl	0.8 - 1.6 (Capillary Electrophoresis Method),Ref : Tietz Clinical guide to laboratory tests 4th edition, page no : 924.	Saradha G M	27/12/2022:16:03
SERUM	A/G Ratio (Epp)	1.82			1.5 to 2.0	Saradha G M	27/12/2022:16:03
SERUM	Beta 2 Globulin	0.32		g/dl	0.3 - 0.5 (Capillary Electrophoresis Method),Ref Tietz clinical guide to laboratory tests 4th edition page no : 924.	Saradha G M	27/12/2022:16:03



*Saradha G M.Sc*

Saradha G M.Sc  
Senior Biochemist

*Dr. Bhusan Ph.D.*

Dr.Bhusan Ph.D.,  
H.O.D Biochemistry



*M. Mani*  
M.Sc., (Medical Microbiology)  
Chief of Laboratory Service





**Billid : 0101418495** Mr/Ms. PRAKASAM S 43Y / Male  
NO 23 GANDHI ST ANDIPALAYAM PERUR POST CBE 641010

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Spec.type	Test Name	Results	Previous Results (Date)	units	Reference Ranges/Methods	Verified by	Verified date & Time
SERUM	Alpha 2 Globulin	0.56			0.6 - 1.0 (Capillary Electrophoresis Method),Ref Tietz clinical guide to laboratory tests 4th edition page no : 924.	Saradha G M	27/12/2022:16:03
SERUM	Alpha 1 globulin	0.23		g/dl	0.1- 0.3 (Capillary Electrophoresis Method),Ref Tietz clinical guide to laboratory tests 4th edition page no : 922.	Saradha G M	27/12/2022:16:03
SERUM	Beta 1 Globulin	0.40		g/dl	0.4 - 0.6 (Capillary Electrophoresis Method),Ref Tietz clinical guide to laboratory tests 4th edition page no : 924.	Saradha G M	27/12/2022:16:03
SERUM	Albumin	4.58		g/dl	3.5 - 5.0 (Capillary Electrophoresis Method),Ref Tietz clinical guide to laboratory tests 4th edition page no : 922.	Saradha G M	27/12/2022:16:03



results related only to the item tested. If any test name ends with # - denotes the particular test not accredited by NABL  
SMS message sent on 27/12/2022 12:34SMS message sent on 27/12/2022 12:34SMS message sent on 27/12/2022 16:04

#### End of the Report

For further details about the tests, visit [www.labtestsonline.org](http://www.labtestsonline.org) or scan Test QR Code

"One of the biggest drawback of hi-tech automation is the occurrence of random errors that no one can really control. in spite of stringent qc programs, such errors are unavoidable (probability 1:1,00,000) if the results do not correlate clinically, please contact us." **"CONSULT DOCTOR FOR INTERPRETATION OF LAB REPORT". "LAB RESULTS TO BE INTERPRETAED ONLY BY THE MEDICAL PROFESSIONALS. THIS IS ONLY A LABORATORY TECHNICAL REPORT AND NOT A MEDICAL/FITNESS CERTIFICATE".**



**Saradha G M.Sc**  
Senior Biochemist

**Dr. Bhushan Ph.D.,**  
H.O.D Biochemistry



**M. Mani M.Sc., (Medical Microbiology)**  
Chief of Laboratory Service



All investigations have their Limitations which are imposed by the limits of sensitivity and specificity of individual assay procedures as well as the specimen received by the laboratory. Isolated Laboratory investigations never confirm the final diagnosis of the disease. They only help in arriving at a diagnosis in conjunction with clinical presentation and other related investigations. Report may vary depend on technology. Value of two technologies are not comparable.

CAP Survey Participant