



Mediwheel
...Your wellness partner

Arcofemi Healthcare Pvt Ltd

(Formerly known as Arcofemi Healthcare Ltd)

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CIN: U24240DL2011PTC216307

MEDICAL FITNESS CERTIFICATE

(To be signed by a registered medical practitioner holding a Medical degree)

This is to certify that **Mr. Senthil Kumar C** aged, **35yr**. Based on the examination, I certify that he is in good dental and physical health and it is free from any physical defects such as deafness, color blindness, and any chronic or contagious diseases.

Place: **Madurai**

Date: **14/09/2024**

Dr. Nitosh Kumar
MBBS
RCMR 47093
Name & Signature of

Medical officer



		Interim Laboratory Report		PID :	
Name	: Mr. SENTHIL KUMAR .C	Sex/Age	: Male / 35 Years	Lab ID	: 40934600701
Ref. By	: SELF	SRF ID	:	Ref. ID	:
Corporate	: NDPL ARH	UHID	:		
Col Dt. Time	: 14-Sep-2024 13:21	Recv Dt. Time	: 14-Sep-2024 13:21	Sample Type	:
Reg Dt. Time	: 14-Sep-2024 13:03	Report Released @	:	Report Printed	: 09-Oct-2024 17:37

Abnormal Result(s) Summary

Test Name	Result Value	Unit	Reference Range
CBC			
Mean Corpuscular Hb Concentration	31.4	gm/dL	31.50 - 34.50
Absolute Neutrophil Count	7443	/ μ L	2000.00 - 7000.00
Absolute Lymphocyte Count	3333	/ μ L	1000.00 - 3000.00
Glyco Hemoglobin (HbA1c)			
HbA1C	9.90	%	Normal : 4 - 6 % Good control : 6 - 7 % Fair Control : 7 - 8 % Poor Control : > 8.
Urine Examination			
Glucose	Present (++)	mg/dL	Negative
Blood	Present	Ery/ μ L	Negative
Plasma Glucose - R	167	mg/dL	Normal: 70-140 mg/dl Diabetes mellitus: => 200 mg/dl

Abnormal Result(s) Summary End

Note:(LL-VeryLow,L-Low,H-High,HH-VeryHigh,A-Abnormal)



Interim Laboratory Report

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TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	TEST REMARK
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Complete Blood Counts

RBC Count	5.4	millions/cumm	4.50 - 5.50	
Haemoglobin <i>SLS</i>	14.6	G%	14.0-18.0	
PCV	46.5	%	40 - 54	
Mean Corpuscular Volume	86.0	fL	83.00 - 101.00	
Mean Corpuscular Hemoglobin	27.0	pg	27.00 - 32.00	
Mean Corpuscular Hb Concentration	L 31.4	gm/dL	31.50 - 34.50	
Red Cell Distribution Width (RDW)	12.8	%	11.00 - 16.00	
Total Leucocyte Count(TLC) <i>Fluorescent Flowcytometry</i>	11,110	Cells/cmm	4500-11500	

Differential Counts

Neutrophils <i>Fluorescent Flowcytometry</i>	67	%	50-70	
Lymphocytes <i>Fluorescent Flowcytometry</i>	30	%	18-42	
Monocytes <i>Fluorescent Flowcytometry</i>	02	%	2-11	
Eosinophils <i>Fluorescent Flowcytometry</i>	01	%	1-3	

Absolute Counts

Absolute Neutrophil Count <i>Calculated</i>	H 7443	/μL	2000.00 - 7000.00	
Absolute Lymphocyte Count <i>Calculated</i>	H 3333	/μL	1000.00 - 3000.00	
Absolute Monocyte Count <i>Calculated</i>	222	/μL	200.00 - 1000.00	
Absolute Eosinophil Count <i>Calculated</i>	111	/μL	20.00 - 500.00	
Absolute Basophil Count <i>Calculated</i>	40	/μL	0.00 - 100.00	
Platelet Count <i>Electrical Impedance</i>	3,07,000	Cells/cmm	150000-450000	
Mean Platelet Volume (MPV)	9.6	fL	6.5 - 12	

According to ICSH guideline (international Council for Standardisation in Hematology), the differential counts should be reported in absolute numbers.

Note:(LL-VeryLow,L-Low,H-High,HH-VeryHigh,A-Abnormal)

M. Santhosh

Santhosh Raja.M

Verified by

DR.S.P.Arivarasan

**DR.S.P.ARIVARASAN,MD.,
(PATH).,**

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தொகுப்பு சனியா எடுக்காதீங்க டெஸ்ட் சனியா எடுங்க



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BIOCHEMICAL INVESTIGATIONS

Bilirubin Total <i>DIAZO REACTION</i>	1.10	mg/dL	0.2 - 1.2
S.G.P.T. <i>IFCCwithP5P(Kinetic)</i>	44.00	U/L	0 - 45
BUN (Blood Urea Nitrogen) <i>Calculated</i>	12.0	mg/dL	9-20
Urea <i>Urease</i>	25.68	mg/dL	12.8-42.8
Creatinine <i>Kinetic Alkaline Picrate</i>	0.85	mg/dL	0.72-1.25

Glycated Haemoglobin Estimation

HbA1C <i>HPLC</i>	H 9.90	%	Normal : 4 - 6 % Good control : 6 - 7 % Fair Control : 7 - 8 % Poor Control : > 8.
Estimated Avg Glucose (3 Mths) <i>Calculated</i>	237.43	mg/dL	Not available

Interpretation :

HbA1C level reflects the mean glucose concentration over previous 8-12 weeks and provides better indication of long term glycemic control.
 Levels of HbA1C may be low as result of shortened RBC life span in case of hemolytic anemia.
 Increased HbA1C values may be found in patients with polycythemia or post splenectomy patients.
 Patients with Homozygous forms of rare variant Hb(CC,SS,EE,SC) HbA1c can not be quantitated as there is no HbA.
 In such circumstances glycemic control can be monitored using plasma glucose levels or serum Fructosamine.
 The A1c target should be individualized based on numerous factors, such as age, life expectancy,comorbid conditions, duration of diabetes,
 risk of hypoglycemia or adverse consequences from hypoglycemia, patient motivation and adherence.

HB A1C %	MEAN BLOOD GLUCOSE	DEGREE OF CONTROL
4 - 6	61 - 124 mg/dl	NORMAL
6 - 7	124 - 156 mg/dl	GOOD CONTROL
7 - 8	156 - 188 mg/dl	FAIR CONTROL
MORE THAN 8	MORE THAN 188 mg/dl	POOR CONTROL

Note:(LL-VeryLow,L-Low,H-High,HH-VeryHigh,A-Abnormal)

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Clinical Pathology

Urine Routine Examination

Appearance <i>Light Scattering</i>	Turbid	Clear
Colour <i>Light Scattering</i>	Straw Yellow	Straw to Yellow
Reaction (pH) <i>Reflectance Photometry</i>	5.5	5-9
Specific gravity <i>Refractive Index</i>	1.030	1.000-1.030

Chemical Examination

Protein <i>Protein Error Of PH Indicator</i>	Absent	mg/dL	Negative
Glucose <i>GOD-POD</i>	Present (++)	mg/dL	Negative
Bile Pigments <i>Reflectance Photometry</i>	Negative	mg/dL	Negative
Urobilinogen <i>Diazonium Salt Coupling Reaction</i>	Normal	mg/dL	0-2 mg/dl
Ketones <i>Reflectance Photometry</i>	Negative	mg/dL	Negative
Nitrites <i>Reflectance Photometry</i>	Negative	mg/dL	Negative
Blood <i>Peroxidase</i>	Present	Ery/ μ L	Negative

Microscopic Examination

Red Blood Cells	15-20	/HPF	0-2.3 cells/hpf
Pus Cells <i>Phase Contrast Microscopy</i>	5-6	/HPF	0-2.7 cells/hpf
Epithelial Cells	2-3	/HPF	0-1.1 cells/hpf
Hyaline Casts	Nil	/HPF	0-0.5 p/hpf
Pathological Casts <i>Phase Contrast Microscopy</i>	Nil	/HPF	0-0.3 p/hpf
<u>Crystals</u>			
Calcium oxalate Monohydrate <i>Phase Contrast Microscopy</i>	Nil	/HPF	0-1.4 p/hpf
Calcium oxalate Dihydrate <i>Phase Contrast Microscopy</i>	Nil	/HPF	0-1.4 p/hpf
Triple phosphate <i>Phase Contrast Microscopy</i>	Nil	/HPF	0-1.4 p/hpf
Uric Acid <i>Phase Contrast Microscopy</i>	Nil	/HPF	0-1.4 p/hpf

Note:(LL-VeryLow,L-Low,H-High,HH-VeryHigh,A-Abnormal)

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Tests marked with # are referred to our accredited lab partners



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Clinical Pathology

Bacteria Phase Contrast Microscopy	Nil	/HPF	0-29.5 p/hpf
Yeast Phase Contrast Microscopy	Nil	/HPF	0-0.7 p/hpf
Amorphous Deposits Phase Contrast Microscopy	Nil	/HPF	0-29.5 p/hpf

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M. SATHI

Santhosh Raja.M

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TEST RESULTS UNIT BIOLOGICAL REF RANGE REMARKS

Blood Group & Rh Type *Column agglutination* O Positive

BIOCHEMICAL INVESTIGATIONS

Plasma Glucose - R **H 167** mg/dL Normal: 70-140 mg/dl
HEXOKINASE/G-6-PDH Diabetes mellitus: => 200 mg/dl

Cholesterol **179** mg/dL Desirable - Upto 200;
Enzymatic Borderline high - 200-239;
 High - Equal to or greater than 240

Note:(LL-VeryLow,L-Low,H-High,HH-VeryHigh,A-Abnormal)

M. Atheeswaran

Atheeswaran

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TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
ESR	13		0-15	

Pending Services

- ECG
- Body Mass Index
- EYE Test (Near,Far and Color)
- Glucose - Fasting
- Glucose - Post Prandial
- Physician Examination
- TMT OR ECHO
- USG abdomen
- X-Ray Chest PA View

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

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Santhosh Raja.M

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