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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.R Kannan** aged, **42yr**. 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: **11/10/2024**

Dr. Nitesh Kumar
M.B.B.S.
BCMR 47093
Name & Signature of

Medical officer



		Interim Laboratory Report		PID :	
Name	: Mr. KANNAN .R	Sex/Age	: Male / 42 Years	Lab ID	: 41034600419
Ref. By	: SELF	SRF ID	:	Ref. ID	:
Corporate	: NDPL ARH			UHID	:
Col Dt. Time	: 11-Oct-2024 10:52	Recv Dt. Time	: 11-Oct-2024 10:52	Sample Type	:
Reg Dt. Time	: 11-Oct-2024 10:52	Report Released @	:	Report Printed	: 18-Oct-2024 16:13

Abnormal Result(s) Summary

Test Name	Result Value	Unit	Reference Range
Blood Urea Nitrogen (BUN)			
BUN (Blood Urea Nitrogen)	23.0	mg/dL	9-20
Urea	49.22	mg/dL	12.8-42.8

Abnormal Result(s) Summary End

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



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 F,Plasma Fluoride
 PP.Serum.Urine

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	TEST REMARK
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Complete Blood Counts

RBC Count	4.9	millions/cumm	4.50 - 5.50	
Haemoglobin <i>SLS</i>	14.2	G%	14.0-18.0	
PCV	44.8	%	40 - 54	
Mean Corpuscular Volume	90.5	fL	83.00 - 101.00	
Mean Corpuscular Hemoglobin	28.7	pg	27.00 - 32.00	
Mean Corpuscular Hb Concentration	31.7	gm/dL	31.50 - 34.50	
Red Cell Distribution Width (RDW)	13.1	%	11.00 - 16.00	
Total Leucocyte Count(TLC) <i>Fluorescent Flowcytometry</i>	5,490	Cells/cmm	4500-11500	

Differential Counts

Neutrophils <i>Fluorescent Flowcytometry</i>	50	%	50-70	
Lymphocytes <i>Fluorescent Flowcytometry</i>	42	%	18-42	
Monocytes <i>Fluorescent Flowcytometry</i>	06	%	2-11	
Eosinophils <i>Fluorescent Flowcytometry</i>	02	%	1-3	

Absolute Counts

Absolute Neutrophil Count <i>Calculated</i>	2745	/µL	2000.00 - 7000.00	
Absolute Lymphocyte Count <i>Calculated</i>	2305	/µL	1000.00 - 3000.00	
Absolute Monocyte Count <i>Calculated</i>	299	/µL	200.00 - 1000.00	
Absolute Eosinophil Count <i>Calculated</i>	109	/µL	20.00 - 500.00	
Absolute Basophil Count <i>Calculated</i>	40	/µL	0.00 - 100.00	
Platelet Count <i>Electrical Impedance</i>	3,33,000	Cells/cmm	150000-450000	
Mean Platelet Volume (MPV)	8.6	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)

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sathishkumar

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

Plasma Glucose - F <i>GOD-POD</i>	92.49	mg/dL	70-105
Plasma Glucose - PP <i>HEXOKINASE/G-6-PDH</i>	95	mg/dL	Normal: 70-140; Impaired Tolerance: 140-199; Diabetes mellitus: => 200
Bilirubin Total <i>DIAZO REACTION</i>	0.50	mg/dL	0.2 - 1.2
Bilirubin Direct	0.30	mg/dL	0 - 0.5
Bilirubin Indirect <i>Calculated</i>	0.20	mg/dL	0.1 - 1
S.G.P.T. <i>IFCCwithP5P(Kinetic)</i>	26.00	U/L	0 - 45
BUN (Blood Urea Nitrogen) <i>Calculated</i>	H 23.0	mg/dL	9-20
Urea <i>Urease</i>	H 49.22	mg/dL	12.8-42.8
Creatinine <i>Kinetic Alkaline Picrate</i>	1.24	mg/dL	0.72-1.25

Glycated Haemoglobin Estimation

HbA1C <i>HPLC</i>	5.20	%	Non Diabetic : Less than 5.7 % Pre Diabetic : 5.7 - 6.4 Diabetic : => 6.5 %
Estimated Avg Glucose (3 Mths) <i>Calculated</i>	102.54	mg/dL	Not available

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

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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

Clinical Pathology

Urine Routine Examination

Appearance <i>Light Scattering</i>	Slightly Turbid	Clear
Colour <i>Light Scattering</i>	Straw Yellow	Straw to Yellow
Reaction (pH) <i>Reflectance Photometry</i>	5.0	5-9
Specific gravity <i>Refractive Index</i>	1.020	1.000-1.030

Chemical Examination

Protein <i>Protein Error Of PH Indicator</i>	Absent	mg/dL	Negative
Glucose <i>GOD-POD</i>	Absent	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

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Clinical Pathology

Nitrites **Negative** mg/dL **Negative**
Reflectance Photometry
 Blood **Absent** Ery/μL **Negative**
Peroxidase

Microscopic Examination

Red Blood Cells **Absent** /HPF 0-2.3 cells/hpf
 Pus Cells **1-2** /HPF 0-2.7 cells/hpf
Phase Contrast Microscopy
 Epithelial Cells **1-2** /HPF 0-1.1 cells/hpf
 Hyaline Casts **Nil** /HPF 0-0.5 p/hpf
 Pathological Casts **Nil** /HPF 0-0.3 p/hpf
Phase Contrast Microscopy
Crystals
 Calcium oxalate Monohydrate **Nil** /HPF 0-1.4 p/hpf
Phase Contrast Microscopy
 Calcium oxalate Dihydrate **Nil** /HPF 0-1.4 p/hpf
Phase Contrast Microscopy
 Triple phosphate **Nil** /HPF 0-1.4 p/hpf
Phase Contrast Microscopy
 Uric Acid **Nil** /HPF 0-1.4 p/hpf
Phase Contrast Microscopy
 Bacteria **Nil** /HPF 0-29.5 p/hpf
Phase Contrast Microscopy
 Yeast **Nil** /HPF 0-0.7 p/hpf
Phase Contrast Microscopy
 Amorphous Deposits **Nil** /HPF 0-29.5 p/hpf
Phase Contrast Microscopy

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

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TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
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Blood Group & Rh Type
Column agglutination A Positive

BIOCHEMICAL INVESTIGATIONS

Cholesterol
Enzymatic 176 mg/dL Desirable - Upto 200;
Borderline high - 200-239;
High - Equal to or greater than 240

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

m. Prabhu
Prabhu.M

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Corporate :	NDPL ARH	UHID :		
Col Dt. Time :	11-Oct-2024 10:52	Recv Dt. Time :	11-Oct-2024 10:52	Sample Type : Whole Blood EDTA
Reg Dt. Time :	11-Oct-2024 10:52	Report Released @ :	11-Oct-2024 12:06	Report Printed : 18-Oct-2024 16:13

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
ESR	10		0-15	

Pending Services
Body Mass Index
ECG
X-Ray Chest PA View

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

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

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தொலைநிலை மருத்துவ சோதனைகளுக்கான மெட்ரல் மருத்துவ சோதனை