



VIVEK LABORATORIES®

No.253,K/1, K.P. Road, Nagercoil - 629 003, Tamilnadu, INDIA.
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 Mobile: 97877 20001, 97877 30063
 e-mail: vivek_laboratories@yahoo.com
 www.viveklaboratories.com



SRF ID : 3357900651748



VHLAB : 1008

Sample Collection : 25/05/2021 09:04

Name : Mr. THIRUNELVELYPETRAAL C

Age : 69 Yrs, Sex : M

Sample Received : 25/05/2021 09:04

Ref. By :

ICMR ID : 314465758

Report Released : 25/05/2021 13:58

Client Name : Direct

SARS-CoV2 (COVID-19) Real Time RT-PCR Test

Type of Sample	Nasopharyngeal Swab in Viral Transport Medium
Method	RT-PCR
PCR Kit	PerkinElmer_Coronavirus_Detection_Kit
N gene	Detected
CT value	17.74
ORF Gene	Detected
CT Value	18.96

Test Description	Result
SARS-CoV2 RNA, PCR*	POSITIVE

ICMR Approved testing center for RT-PCR.

ICMR Reg. No. - VLNKTN

No. 115B, (Old No. 253), K/1, K.P Road, Nagercoil - 629 003, Tamilnadu, India

Test Interpretation:

- A 'Positive' result indicates SARS-CoV-2 RNA is detected from the patient's specimen by this assay.
- A 'Negative' result indicates SARS-CoV-2 RNA is not detected from the patient's specimen by this assay.

Instrument Used:

- Quantum Realplex Q / Rucki Lightcycler 480 II.

Note:

- Negative results do not preclude SARS-CoV-2 infection and should not be used as the sole basis for patient management decisions.
- The report represents only the specimen received in the laboratory. Kindly correlate clinically.
- The COVID-19 RT-PCR test is a real-time reverse transcription-polymerase chain reaction (RT-PCR) test for the qualitative detection of nucleic acid from SARS-CoV-2 in upper and lower respiratory specimens.
- ICMR has recommended not to rely on numerical Ct values for determining infectiousness of COVID-19 patients and deciding patient management protocols citing the following explanations.

References:

- <https://www.mohfw.gov.in/pdf/SCPTforSurveillanceandresponseforthenewSARSCov2variant.pdf>
- <https://www.icmr.gov.in/techdocs.html> Advisory_on_correlation_of_COVID_severity_with_Ct_values.pdf

G. Pradeepha

PRADEEPA, MSc., Mphk,

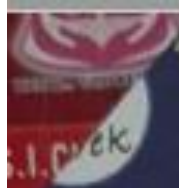
Biotechnologist



Dr. S.R. SRINIVASA KANNAN

Dr. S.R. SRINIVASA KANNAN
 M.D. Path
 Director & Pathologist

NABL ACCREDITED LABORATORY
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 www.viveklaboratories.com



SRF ID : 3357500651749



Name : Mr. THIRUNELVELYPERUMAL C

Ref. By :

Client Name : Direct

VCLAB : 1958

Age : 63 Yrs. Sex : M

ICMR ID : 314460756

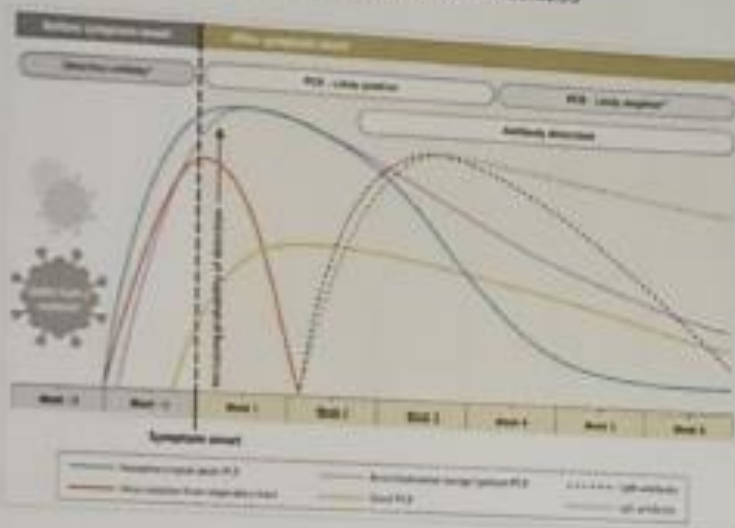
Sample Collection : 25/05/2021 09:54

Sample Received : 25/05/2021 09:54

Report Released : 25/05/2021 13:56

Interpreting Diagnostic Tests for SARS-CoV-2

JAMA. 2020;323(22):2245-2251. doi:10.1001/jama.2020.8259



Estimated Variation Over Time in Diagnostic Tests for Detection of SARS-CoV-2 Infection Relative to Symptom Onset

Estimated time intervals and rates of viral detection are based on data from several published reports. Because of variability in values among studies, estimated time intervals should be considered approximations and the probability of detection of SARS-CoV-2 infection is presented qualitatively.

- A. Detection only occurs if patients are followed up proactively from the time of exposure.
- B. More likely to register a negative than a positive result by PCR of a nasopharyngeal swab

G. Pradeepha

PRADEEPA, MSc, Mphl,
 Biotechnologist

End Of Report



Dr. S.R. Srinivasa Kannan

Dr. S.R. SRINIVASA KANNAN
 M.D. Path
 Director & Pathologist

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GURU SCANS

குரு ஸ்கேன்ஸ்

204, PWD Road, Nagercoil - 629 002

email : guruscans@gmail.com Ph.: 04652 - 225746, 225747, 225748

Dr. J. Prem Solomon, M.D. (Radiodiagnosis)

Founder, Dr. S.J. Chelladurai, M.B.B.S. D.M.D.

NAME: MR. THIRUNELVELY PERUMAL	DATE: 04/06/2021
AGE/SEX: 69 / MALE	REF BY DR. SELF
NO: 7226/21	PLACE: KOTTAR

CT THORAX- PLAIN

Technique: Helical sections of the thorax were taken from the thoracic inlet to the diaphragm without contrast.
Clinical History: COVID POSITIVE. - NOW COUGH

FINDINGS:

Scattered areas of patchy ground glass attenuation noted in both lungs with few subsegmental atelectasis [~ 25 to 30 % lung parenchyma]

CT SEVERITY SCORE		
1.	Right upper lobe	2
2.	Right middle lobe	3
3.	Right lower lobe	3
4.	Left upper lobe	2
5.	Left lower lobe	3
Total :		13/ 25

Few tiny parenchymal cysts and fibrotic strands noted. No focal parenchymal masses detected.

No evidence of interstitial lung disease.

Major airways appear normal. Both hila appear normal.

Both pleural cavities are normal. No abnormal fluid collection/ nodules seen.

Mediastinum is in midline and is normal in attenuation. No mass lesions noted. Great vessels of the mediastinum appear normal. No significant intra thoracic lymph node enlargement.

Diaphragm and the subdiaphragmatic region appears normal.

Visualised upper abdomen shows fatty liver.

Visualised soft tissues appear normal. Degenerative changes noted in spine. No focal bony lesions noted.

IMPRESSION:

- SCATTERED AREAS OF PATCHY GROUND GLASS ATTENUATION IN BOTH LUNGS WITH FEW SUBSEGMENTAL ATELECTASIS [~ 25 TO 30 % LUNG PARENCHYMA].
- CO-RADS 6.

Dr. J. PREM SOLOMON, MD (R-9)
F. R. C. R. 1998
Consultant Radiologist & Sonologist
GURU SCANS, NAGERCOIL -



GURU SCANS

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Dr. L. Prem Solomon, M.D. (Radiologist)

Founder, Dr. S.J. Chelladurai, M.R.S., D.M.R.D.

CT SEVERITY INDEX SCORE:

SCORE	% AREA OF LOBE INVOLVED
0	NIL
1	LESS THAN 5 %
2	5 TO 25 %
3	25 TO 50 %
4	50 TO 75 %
5	MORE THAN 75 %

- Mild – less than 8
- Moderate – 8 to 15
- Severe – more than 15

CO-RADS SCORE – LEVEL OF SUSPICION FOR COVID-19 INFECTION.

CO-RADS 1	NO	Normal or non infectious abnormalities
CO-RADS 2	LOW	Abnormalities consistent with infections other than COVID-19
CO-RADS 3	INTERMEDIATE	Equivocal findings for COVID-19 infection
CO-RADS 4	HIGH	Abnormalities suspicious for COVID-19 infection
CO-RADS 5	VERY HIGH	Typical COVID-19 findings
CO-RADS 6	PCR +	



HITECH DIAGNOSTIC CENTRE

The Extra Care Lab
No.935, GKS Tower, Poornamallee High Road, Purasawalkam, Chennai - 600 084



NVOA

An ISO 9001:2015
Certified Organisation



NABL

Patient : P0031297 **Mr. THIRUNELVELY PERUMAL (69/M)** SID Date : 04/06/2021
 SID.No. : **007429** Reg Time : 19:18:13
 Referrer : **SUNAM SPECIALITY HOSPITAL.** Report Date : 05/06/2021
 Address : **NAGENDOIL - 629 001** Report Time : 09:22:59
Ph : 272146 Page Number : 1
 Final report

Test	Result	Biological Reference Interval
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TEST REPORT

BLOOD - BIOCHEMISTRY

LDH (SERUM)

: 189.3 U/L

FEMALE : 135-214 U/L
 MALE : 135-225 U/L
 CHILDREN : 120-308 U/L
 2 - 15 yrs : 120-308 U/L
 NEW BORN : 225-608 U/L

Specimen : SERUM

Method : IFCC/ UV Kinetic Lactate to Pyruvate

ELECTROLYTES (SERUM)

Specimen : SERUM

Method : ISE

Sodium (Na ⁺)	: 134.9 mmol/L	136 - 148
Potassium (K ⁺)	: 4.5 mmol/L	3.5 - 5.0
Chlorides (Cl ⁻)	: 102.6 mmol/L	95 - 103
Bicarbonate (HCO ₃ ⁻)	: 22.1 mmol/L	20 - 28

BLOOD - IMMUNOLOGY

IL 6

: 9.40 pg/ml

Normal : UP TO 7.0 pg/ml

Method : ECLIA

Increased in SIRS, Bacterial Sepsis and Septic Shock

Caution for Other Labs and Hospitals:

IL-6 levels will be falsely elevated if not separated from the cells, due to diffusion from lymphocytes. All labs are advised to separate the serum within 45 minutes to 1 hour of collection, separate the serum in a sample storage vial and refrigerate. Make sure that there is no delay in separation of sample collected in the evening or night.

Patient ID : P0021297 **Mr. THIRUNELVELY PERUMAL (69/M)** RID Date : 04/06/2021
D.No. : **007429** Reg Time : 19:18:13

Report Date : 05/06/2021
Report Time : 09:22:59
Page Number : 2
Final report

Test	Result	Biological Reference Interval
FERRITIN	303.7 ng/ml	Males : 30 - 400 ng/ml Females : 13 - 150 ng/ml
Specimen : SERUM		
Method : CLIA		

Dr. SP. Ganesan

DR. SP. GANESAN. MBBS., DCP...

*** End Of Report ***
" Our Kilpauk Lab Serves You Round The Clock "

SUBAM SPECIALITY HOSPITAL

VADASERY, NAGERCOIL - 629 001, ☎ 274146, Cell:9943051035

Dr. V.S. Muthuramalingam, MS, Ortho, D.Ortho

Dr. R. Padmavathi Muthuramalingam, M.B.B.S., M.D., Obst. & Gynae

Name Mr. Thirunelvey Perumal Age 69 Sex male

Ref. by Dr. V.S. M.B.C. O.P. / I.P. OP Lab. No.

Date 08/06/2024

LAB REPORT

HAEMATOLOGY

Haemoglobin..... gms / dl

RBC Count..... Cells / Cu.mm

Total WBC Count..... / Cu.mm

PCV..... %

Differential Count

Polymorphs..... %

Lymphocytes..... %

Eosinophils..... %

Monocytes..... %

Basophils..... %

Blood ESR $\frac{1}{2}$ hr Reading..... mm

1 hr Reading..... mm

Platelets Count..... / Cu.mm

Blood Smear for MP/MF.....

Bleeding Time.....

Clotting Time.....

Blood Grouping.....

Rh Typing.....

URINE ANALYSIS

Albumin

Sugar

Deposits

Bile Salts

Bile Pigments

Pregnancy Card Test

Acetone

MOTION

Ova

Cyst

Reducing Substances

Occult blood

BIO CHEMISTRY

Serum Glucose Random..... mgs%

Fasting..... mgs%

Post Prandial..... mgs%

Serum Urea..... mgs%

Serum Creatinine..... mgs%

Serum Cholesterol..... mgs%

Serum Triglycerides..... mgs%

HDL Cholesterol..... mgs/dl

LDL Cholesterol..... mgs/dl

VLDL Cholesterol..... mgs/dl

Serum total Bilirubin..... mgs%

Direct Bilirubin..... mgs%

Indirect Bilirubin..... mgs%

Serum Alkaline Phosphatase..... IU / ml

Serum Uric acid..... mgm%

SEROLOGY

Widal Slide Test

S. Typhoid 'O' Ag

S. Typhoid 'H' Ag

S. Para Typhoid 'AH' Ag

S. Para Typhoid 'BH' Ag

VDRL Card Test

RA Factor

ASO Titre

CRP \rightarrow 9.0

HBS Ag

HIV (Tri dot method)

Mantoux

Sputum for AFB.....

Other Tests.....

Asm
Lab Technician



SUBAM LABORATORY SERVICE



Date : 04/Jun/2021

Name : MR THIRUNILVELY PERU

Age : 69/Male

PHN : SH212295

Mobile : 6379766299

ID : OP04062021011

Doctor : Dr.RAJESH K, MBBS, MS, Mch,
FEVS(Ireland)

Sample Date: 04/Jun/2021 09:08 PM

Report Date: -

Bill No : -

Test Name/Method	Result	Unit	Reference Value
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HAEMATOLOGY

BLOOD ROUTINE

HB	13.4	gms%	Male : 13.5 to 16.5 gms% Female : 12 to 15 gms% Children : 9 to 16 gms%
TWBC COUNT	6,700	CELLS/CUMM	4,000 - 11,000
DC	-		
NEUTROPHILS	73	%	40 - 80
LYMPHOCYTES	17	%	25 - 35
EOSINOPHILS	08	%	0 - 5
MONOCYTE	02	%	2 - 10
BASOPHILS	00	%	1 - 2
PCV	42.2	%	35 - 45
PLATELET	2.57	lakhs cells /cumm	1.5 - 4.0
ESR 12 mm - 1 hour	98	mm	5 - 15
RBC COUNT	4.53	Million cells/cumm	3.80 - 4.0

BIOCHEMISTRY

BLOOD SUGAR (R)	148	mg/dl	80 - 140
BLOOD UREA	40	mg/dl	10 - 45
CREATININE	1.1	mg/dl	Male : 0.6 to 1.2 mg/dl Female : 0.5 to 1.1 mg/dl

Verified by

SUBAM SPECIALITY HOSPITAL

215 Asambu Road, Opp. S.M.R.V. School, Vadasery, Nagercoil. Ph : 04652 - 274146, 9943051032
www.subamhospital.com

24 hrs SERVICE

Page 1 of 3



SUBAM LABORATORY SERVICE



Name: MR. THIRUNELVELY PERU
 PHN: SH212295
 ID: OP04062021011

Age: 69/Male
 Mobile: 6379766299
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Date: 04/Jun/2021

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Test Name/Method	Result	Unit	Reference Value
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BIOCHEMISTRY

LIVER FUNCTION TEST

TOTAL BILIRUBIN	0.6	mg/dl	0 - 1.0
DIRECT BILIRUBIN	0.2	mg/dl	0 - 0.3
INDIRECT BILIRUBIN	0.4	mg/dl	0 - 0.6
SGOT	21	IU/L	Male : 0 to 35 IU/L Female : 0 to 31 IU/L
SGPT	30	IU/L	Male : 0 to 45 IU/L Female : 0 to 34 IU/L
ALKALINE PHOSPHATES	60	IU/L	Male : 57 to 111 IU/L Female : 50 to 143 IU/L
TOTAL PROTEIN	7.0	g/dL	6.4 - 7.8
ALBUMIN	4.0	g/dL	3.5 - 5.2
GLOBULIN	3.0	g/dL	

CARD

MALARIA CARD METHOD: NEGATIVE

CARD TEST

DENGUE: -
 DENGUE IGG: NEGATIVE
 DENGUE IGM: NEGATIVE

Verified by

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Page 2 of 3



SUBAM LABORATORY SERVICE



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FEVS(Ireland)

Sample Date: 04/Jun/2021 09:08 PM
Bill No: -

Report Date: -

Test Name/Method	Result	Unit	Reference Value
DENGUE NSI	NEGATIVE		

SEROLOGY

DAL SLIDE TEST:

SALMONELLA TYPHI O	1:20 NEGATIVE
SALMONELLA TYPHI H	1:80 POSITIVE
SALMONELLA PARATYPHI AH	1:20 NEGATIVE
SALMONELLA PARATYPHI BH	1:20 NEGATIVE

-- END OF THE REPORT --

Verified by

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Page 3 of 3



HITECH DIAGNOSTIC CENTRE

The Extra Care Lab

(a Unit of Dr. Ganesan's Hitech Diagnostic Centre Pvt. Ltd.)

No.9, Abdul Kaderkhan Road, Chinna Chokkulam, Madurai - 625 002. Ph : 0452 429 5259 Mob.: 93443 15551

ICMR Approval No. HDMACDGHMTN



NABL Certified Lab

Patient : P0021470 **Mr. THIRUNELVELI PERUMAL (69/M)**

SID.No. : **007613**

SID Date : 08/06/2021

Branch : **NAGERCOIL**

Reg Time : 11:08:55

Referrer : **SUBAM SPECIALITY HOSPITAL**

Report Date : 08/06/2021

NAGERCOIL - 629 001

Report Time : 12:15:54

Ph : 272146

Page Number : 1 / 1

Re-print

Test	Result	Biological Reference Interval
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TEST REPORT

BLOOD - BIOCHEMISTRY

ELECTROLYTES (SERUM)

Specimen : SERUM

Method : ISE

Sodium (Na ⁺)	133.4 mmol/L	136 - 148
Potassium (K ⁺)	3.9 mmol/L	3.5 - 5.0
Chlorides (Cl ⁻)	100.8 mmol/L	95 - 103
Bicarbonate (HCO ₃)	25.6 mmol/L	20 - 28

DR. SP. GANESAN, MBBS, DCP.,

Medical Director

* End Of Report *

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