

Patient : 0300052149 Mr. SATHYA PRAKASH  
Age /Sex : 30 Y/ M  
Lab.No. : 03001044 Branch : Adyar - MG Road  
Referrer : Dr. VANI.S

Sample Dt : 17/05/2025  
Report Dt : 17/05/2025  
Time : 19:10:07  
Page No : 1

## INVESTIGATION REPORT

Test	Result	Reference Value
<b>BLOOD - BIOCHEMISTRY</b>		
<b>ELECTROLYTES-(SERUM)</b>		
SODIUM (NA + ) Method : ISE	: 144.6 mEq/l	135 - 148 mEq/l
POTASSIUM (K + ) Method : ISE	: 4.06 mEq/l	Premature infant :4.0 - 6.5 mEq/L Newborn :3.7 - 5.9 mEq/L Adults :3.5 - 5.3 mEq/L
CHLORIDE (Cl - ) Method : ISE	: 99.0 mEq/l	98 - 110 mEq/L

<b>BLOOD - HAEMATOLOGY</b>		
<b>COMPLETE BLOOD COUNT(CBC)</b>		
HAEMOGLOBIN Method : Automated	: 13.8 gm/dl	13.5 - 18
TOTAL WBC COUNT Method : Automated	: 15400 cells/cmm	4000 - 10500
<b>DIFFERENTIAL.COUNT(DC)</b>		
Neutrophils	: 70.50 %	Children: 25 - 60 Adult : 50 - 75
Lymphocytes	: 17.60 %	Children: 25 - 50 Adult : 20 - 40
Monocytes	: 11.30 %	Children: 1 - 6 Adult : 2 - 10
Eosinophils	: 0.40 %	Children: 1 - 5 Adult : 0 - 6
Basophils	: 0.20 %	Children: 0 - 1 Adult : 0 - 1
RBC COUNT	: 5.07 Millions/cmm	4.7 - 6
PCV (HAEMATOCRIT)	: 42.5 %	42 - 52

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Royapettah : #79/1, 62/1, Avvaishanmugam Salai,	☎ : 2847 6278, 4358 0526	ADYAR : #26/53, Kamaraj Avenue	☎ : 4210 2400, 4207 5772
TRIPLICANE : #76/9 Pillaiyar Koil Street,	☎ : 4205 4300, 4211 3400	ANNA NAGAR : # 73/1, AH Block, 7th Main Road,	☎ : 4854 4877
TRIPLICANE : #9/5, TP Koil Street	☎ : 4215 5192, 4210 2646	VELACHERY : #3A, 100 Feet Tharamani Link Road	☎ : 4555 2450

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## INVESTIGATION REPORT

Test	Result	Reference Value
MCV	: 83.8 fL	78 - 100
MCH	: 27.2 pg	27 - 31
MCHC	: 32.5 %	1 - 9yrs : 26 - 36 10 - 17yrs: 32 - 36 >18yrs : 33 - 36
PLATELET COUNT Method : Automated	: 2.98 Lakhs/cmm	1 - 5yrs : 2.17 - 5.53 6 - 10yrs: 1.81 - 5.21 >11yrs : 1.50- 4.00

## BLOOD - DEPT OF SEROLOGY

C.R.P(C-REACTIVE PROTEIN) Method : Enhanced turbidimetric immunoassay	: 142.8 mg/L	Adults : Up to 5 mg/L 0 days : Less than 0.6 mg/L 1 day : Less than 3.2 mg/L 7 days : Less than 1.6 mg/L
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Comments : sample is rechecked

DENGU NS1 ANTIGEN(FIA) Method : FIA	: 0.090 COI	Greater than or equal to 1.0 COI : POSITIVE Less than 1.0 COI : NEGATIVE
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**Notes** : NS 1 Antigen is present from day of infection, 0 to 9 days, and helps in early diagnosis before IgM Antibodies are formed.  
A negative NS 1 Antigen indicates absence of Dengue Infection or Late Infection beyond 9 days. Suggested to do Dengue IgM and platelet count if clinical picture is suggestive of Dengue.  
A Positive NS 1 Antigen indicates early Dengue infection. Treatment should be based on platelet count, PCV and clinical picture.  
A equivocal NS 1 Antigen does not rule out Dengue Infection. Suggested to do Dengue IgM abs or RT-PCR for Dengue, if clinically suspected.

## DEPT OF CLINICAL PATHOLOGY

### URINE COMPLETE ANALYSIS

color	: Reddish Yellow
Appearance	: Slightly Turbid
pH	: 5.5

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## INVESTIGATION REPORT

Test	Result	Reference Value
Specific Gravity	: 1.020	
Albumin	: (++)	
Sugar	: Nil	
Blood(U)	: Nil	
Bile Salts	: Absent	
Bile Pigments	: Negative	
Urobilinogen	: Present in normal amount	
Ketone	: (+)	
Nitrite	: Negative	
Leucocytes	: Negative	
Pus cells/hpf	: 2 - 4	
RBCs/hpf	: Occasional	
Epi.cells/hpf	: 4 - 6	
Casts	: Nil	
Crystals	: Nil	
Other Findings	: Nil	

## DEPT OF MICROBIOLOGY

### WIDAL TEST(SLIDE METHOD)

SAL.TYPHI "O"	: Negative 1 in 20 diln.
SAL.TYPHI "H"	: Negative 1 in 20 diln.
SAL.TYPHI PARA A(H)	: Negative 1 in 20 diln.
SAL.TYPHI PARA B(H)	: Negative 1 in 20 diln.

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### Notes :

Significant titre above 1:80. False positives are likely in immunized persons and in past infections. False negatives are likely in fever of less than seven days duration.

*Dr. D. Ashok Kumar*  
D. ASHOKKUMAR MSC, DMLT.,  
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DR.K.CHANDRAMOULEESWARI.MD(PATH)  
(Authorised Signatory)

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