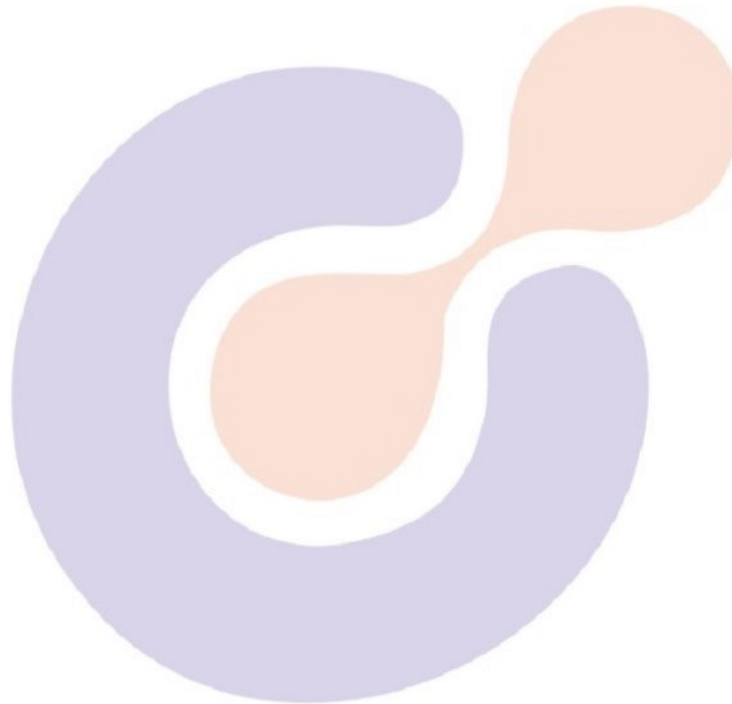


Patient Name : Mr. ANUBHAV MISHRA	Visit No : CHA250040738
Age/Gender : 15 Y/M	Registration ON : 06/Mar/2025 04: 44PM
Lab No : 10138033	Sample Collected ON : 06/Mar/2025 05: 16PM
Referred By : Dr. RDSO LUCKNOW	Sample Received ON : 06/Mar/2025 05: 28PM
Refer Lab/Hosp : RDSO LUCKNOW	Report Generated ON : 06/Mar/2025 06: 38PM
Doctor Advice : DENGUE PROFILE, MF BY CARD, HCV-RNA QUANTITATIVE (EDTA PLASMA), HIV, HBSAg, WIDAL, LFT, KIDNEY FUNCTION TEST - I, CBC+ESR	



Test Name	Result	Unit	Bio. Ref. Range	Method
CBC+ESR (COMPLETE BLOOD COUNT)				
Erythrocyte Sedimentation Rate ESR	24.00		0 - 15	Westergreen



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PATHOLOGIST

DR. SHADABKHAN
PATHOLOGIST

Dr. SYED SAIF AHMAD
MD (MICROBIOLOGY)

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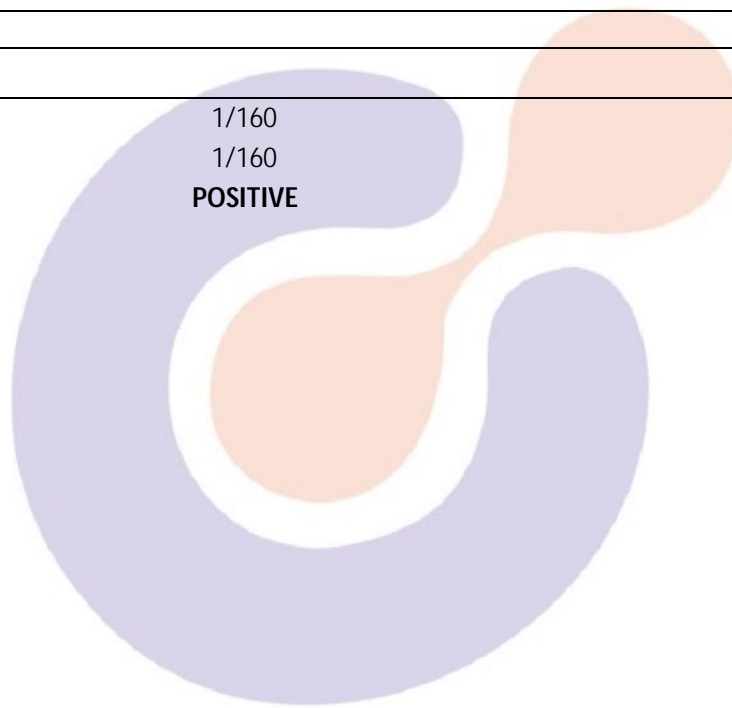


Test Name	Result	Unit	Bio. Ref. Range	Method
MF BY CARD				
MICROFILARIA ANTIBODY (MF)	Negative		NEGATIVE	by card

WIDAL

Sample Type : Serum

SALMONELLA TYPHI O	1/160
SALMONELLA TYPHI H	1/160
NOTE:	POSITIVE



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Test Name	Result	Unit	Bio. Ref. Range	Method
DENGUE PROFILE				
Dengue (NS1) Antigen	NON REACTIVE		Non Reactive	(Rapid Card Test)
DENGUE IgG	NON REACTIVE		Non Reactive	(Rapid Card Test)
DENGUE IgM	NON REACTIVE		Non Reactive	(Rapid Card Test)

COMMENTS:

- Primary dengue virus infection is characterized by elevation of specific IgM levels 3 to 5 days after the onset of symptoms and persists for 30 to 60 days. IgG levels become elevated 10 to 14 days and remain detectable for many years.
- During secondary infection, IgM levels generally rise more slowly than in primary infection while IgG levels rise rapidly from 1 to 2 days after the onset of symptoms.
- The test detects all four subtypes, DEN1, DEN2, DEN3 & DEN4 of dengue virus.

LIMITATIONS:

- This is only a screening test and will only indicate the presence or absence of dengue antibodies in the specimen. All reactive samples should be confirmed by confirmatory tests.
- The patient clinical history, symptomatology as well as serological data should be considered.
- False positive results can be obtained due to cross-reaction with EBV, RA, Leptospira, malaria, Hepatitis A, Influenza A & B, Salmonella typhi etc.
- Immuno-depressive treatments presumably after the immune response to infection, inducing negative results in dengue patients.

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Test Name	Result	Unit	Bio. Ref. Range	Method
HEPATITIS B SURFACE ANTIGEN (HBsAg)				
Sample Type : Serum				
HEPATITIS B SURFACE ANTIGEN	NON REACTIVE		<1 - Non Reactive >1 - Reactive	CMIA

Note: This is only a Screening test. Confirmation of the result (Non Reactive/Reactive) should be done by performing a PCR based test.

COMMENTS:

-HBsAg is the first serological marker after infection with Hepatitis B Virus appearing one to ten weeks after exposure and two to eight weeks before the onset of clinical symptoms. HBsAg persists during the acute phase and clears late in the convalescence phase. Failure to clear HBsAg within six months indicates a chronic HBsAg carrier state. HBsAg assays are used to identify the persons infected with HBV and to prevent transmission of the virus by blood and blood products as well as to monitor the status of infected individuals in combination with other hepatitis B serological markers.
-Borderline cases must be confirmed with confirmatory neutralizing assay.

LIMITATIONS:

-Results should be used in conjunction with patient history and other hepatitis markers for diagnosis of acute and chronic infections.
-Specimens from patients who have received preparations of mouse monoclonal antibodies for diagnosis or therapy may contain human anti-mouse antibodies (HAMA) which may produce anomalous values when tested with assay kits that employs mouse monoclonal antibodies.
-Heterophilic antibodies in human serum can react with reagent immunoglobulins, interfering with in vitro immunoassays. Patients routinely exposed to animals or animal serum products can be prone to this interference and anomalous results may be observed.
-Cross reactivity for specimens from individual with medical conditions (Pregnancy, HIV etc) has been observed.
-HBsAg mutations may result in a false negative result in some HBsAg assays.
-If HBsAg results are inconsistent with clinical evidence, additional testing is suggested to confirm the result.

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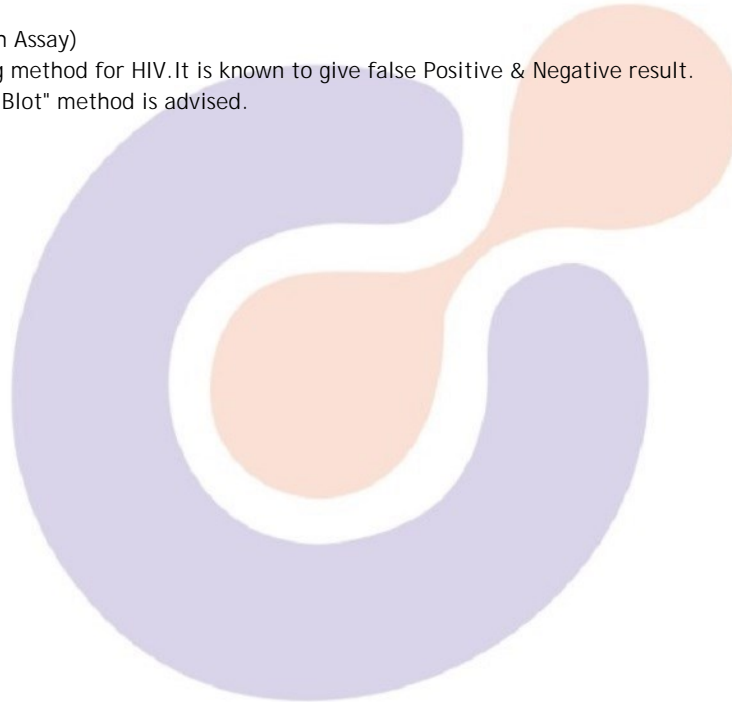
Test Name	Result	Unit	Bio. Ref. Range	Method
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HIV

HIV-SEROLOGY	NON REACTIVE		<1.0 : NON REACTIVE >1.0 : REACTIVE	
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Done by: Vitros ECI (Sandwich Assay)

Note:-Elisa test is a screening method for HIV.It is known to give false Positive & Negative result.
Hence confirmation:"Western Blot" method is advised.



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Test Name	Result	Unit	Bio. Ref. Range	Method
CBC+ESR (COMPLETE BLOOD COUNT)				
Hb	13.7	g/dl	12 - 15	Non Cyanide
R.B.C. COUNT	4.50	mil/cmm	3.8 - 4.8	Electrical Impedence
PCV	41.7	%	36 - 45	Pulse hieght detection
MCV	92.1	fL	80 - 96	calculated
MCH	30.2	pg	27 - 33	Calculated
MCHC	32.9	g/dL	30 - 36	Calculated
RDW	13.3	%	11 - 15	RBC histogram derivation
RETIC	1.2 %	%	0.5 - 2.5	Microscopy
TOTAL LEUCOCYTES COUNT	6290	/cmm	4000 - 10000	Flocytometry
DIFFERENTIAL LEUCOCYTE COUNT				
NEUTROPHIL	75	%	40 - 70	Flowcytometry
LYMPHOCYTE	22	%	20-40	Flowcytometry
EOSINOPHIL	1	%	1 - 6	Flowcytometry
MONOCYTE	2	%	2 - 10	Flowcytometry
BASOPHIL	0	%	00 - 01	Flowcytometry
PLATELET COUNT	98,000	/cmm	150000 - 450000	Elect Imped..
PLATELET COUNT (MANUAL)	117000	/cmm	150000 - 450000	Microscopy .
Mentzer Index	20			
Peripheral Blood Picture	:			

Red blood cells are normocytic normochromic. WBC show relative neutrophilia. Platelets are mild reduced with gaint form. No immature cells or parasite seen



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Shadab Khan

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Test Name	Result	Unit	Bio. Ref. Range	Method
LIVER FUNCTION TEST				
TOTAL BILIRUBIN	0.40	mg/dl	0.4 - 1.1	Diazonium Ion
CONJUGATED (D. Bilirubin)	0.10	mg/dL	0.00-0.30	Diazotization
UNCONJUGATED (I.D. Bilirubin)	0.30	mg/dL	0.1 - 1.0	Calculated
ALK PHOS	199.00	U/L	82 - 331	PNPP, AMP Buffer
SGPT	100.0	U/L	5 - 40	UV without P5P
SGOT	124.0	U/L	5 - 40	UV without P5P

KIDNEY FUNCTION TEST - I

Sample Type : Serum

BLOOD UREA	17.70	mg/dl	15 - 45	Urease, UV, Serum
CREATININE	0.60	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic
SODIUM Serum	135.0	MEq/L	135 - 155	ISE Direct
POTASSIUM Serum	4.2	MEq/L	3.5 - 5.5	ISE Direct

*** End Of Report ***

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Shadab Khan