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E-mail: charak1984@gmail.com

CMO Reg. No. RMEE 2445133 NABL Reg. No. MC-2491 Certificate No. MIS-2023-0218

Patient Name : Mr.ASAD

Age/Gender : 28 Y 5 M 2 D/M **Lab No** : **10138533**

Referred By : SELF

Refer Lab/Hosp : CHARAK NA

Doctor Advice : LIPID-PROFILE,HBSAg,HCV,HIV

Visit No : CHA250041238

Registration ON : 07/Mar/2025 01: 28PM

Sample Collected ON : 07/Mar/2025 01:30PM

Sample Received ON : 07/Mar/2025 01:48PM

Report Generated ON : 07/Mar/2025 03:56PM



Test Name	Result	Unit	Bio. Ref. Range	Method
LIPID-PROFILE				
Cholesterol/HDL Ratio	4.68	Ratio		Calculated
LDL / HDL RATIO	3.11	Ratio		Calculated



Desirable / low risk - 0.5

Elevated / High risk - > 6.0







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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 **CMIA** >1 - Reactive

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
- -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.



DR. ADITI D AGARWAL **PATHOLOGIST**



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Patient Name : Mr. ASAD

Age/Gender : 28 Y 5 M 2 D/M **Lab No** : **10138533**

Referred By : SELF

Refer Lab/Hosp : CHARAK NA

Doctor Advice : LIPID-PROFILE, HBSAg, HCV, HIV

Visit No : CHA250041238

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Test Name	Result	Unit	Bio. Ref. Range	Method
HIV				

HIV-SEROLOGY NON REACTIVE

<1.0 : NON REACTIVE >1.0 : REACTIVE

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.

HEPATITIS C VIRUS (HCV) ANTIBODIES

HEPATITIS C VIRUS (HCV) ANTIBODIES NON REACTIVE

Non Reactive

(TRIO DOT ASSAY)

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





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Patient Name : Mr.ASAD

Age/Gender : 28 Y 5 M 2 D/M Lab No : 10138533

Referred By : SELF

PR.

Refer Lab/Hosp : CHARAK NA

Doctor Advice : LIPID-PROFILE, HBSAg, HCV, HIV

Visit No : CHA250041238

Registration ON : 07/Mar/2025 01:28PM

Sample Collected ON : 07/Mar/2025 01:30PM

: 07/Mar/2025 01:48PM Sample Received ON

Report Generated ON : 07/Mar/2025 03:24PM



Test Name	Result	Unit	Bio. Ref. Range	Method
LIPID-PROFILE				
TOTAL CHOLESTEROL	225.50	mg/dL	Desirable: <200 mg/dl Borderline-high: 200-239 mg/dl High:>/=240 mg/dl	CHOD-PAP
TRIGLYCERIDES	136.00	mg/dL	Normal: <150 mg/dl Borderline-high:150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	Serum, Enzymatic, endpoint
H D L CHOLESTEROL L D L CHOLESTEROL	48.20 150 .10	mg/dL mg/dL	30-70 mg/dl Optimal:<100 mg/dl Near Optimal:100 - 129 mg/dl Borderline High: 130 - 159 mg/dl High: 160 - 189 mg/dl Very High:>/= 190 mg/dl	CHER-CHOD-PAP CO-PAP
VLDL	27.20	mg/dL	10 - 40	Calculated

*** End Of Report ***

CHARAK





