

Name	: Ms. Z511	Collected	: 30/8/2017 9:36:00AM		
Lab No.	: 135091618	Age: 24 Years	Gender: Female	Received	: 30/8/2017 9:52:11AM
A/c Status	: P	Ref By : UNKNWON.	Reported	: 31/8/2017 10:02:23AM	
			Report Status	: Final	

Test Name	Results	Units	Bio. Ref. Interval
HCV COMBO (RT PCR) TEST *HCV QNT RT PCR * HCV GENOTYPE			
HEPATITIS C VIRAL (HCV RNA), GENOTYPE (PCR, Sequencing)	Indeterminate Result		

Note

1. Limit of detection for all genotypes is a viral load of 500 IU/mL. No genotype detected if the viral load is below the limit of detection.
2. Indeterminate result indicates inability to classify the sample provided due to presence of inhibitors. Repeat sample is recommended.
3. This is an in-house developed assay. Sequencing of the 5'UTR elucidates the genotype of the virus.

Interpretation

HCV genotyping assay determines the Genotypes 1,2,3,4,5 & 6 and their subtypes in positive cases. HCV genotype 1 is more difficult to treat than Genotypes 2 & 3 and causes more severe liver disease. This test should not be used for screening of blood or blood products or as a diagnostic test to confirm the presence of HCV infection.

Comments

HCV is an RNA virus of the Flavivirus group transmitted in 60% of the cases due to drug abuse. Other modes of transmission seen are following accidental needle punctures in health care workers, dialysis patients and rarely from mother to infant. Sexual transmission accounts for 10% of cases. Chronic infection with HCV occurs in about 85% of infected individuals leading to fibrosis of the liver and Cirrhosis in about 20% of these patients. Risk for Hepatocellular carcinoma in a patient with chronic HCV is 1-5% after 20 years.

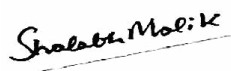
Uses

This test is useful in predicting the prognosis in patients with chronic Hepatitis C infection and to determine the course of therapy.

HEPATITIS C VIRAL (HCV RNA) QUANTITATIVE, REAL TIME PCR (Real Time PCR - Taqman technology)	Target not detected	IU/mL
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MD (Microbiology)
National Head - Microbiology &
Serology

-----End of report -----

