



# XPERT®

# HCV VIRAL LOAD

( 61020136, PCRhcvVLR )

## SPECIMEN & CONTAINER

Plasma or Serum

EDTA with plasma separator /

Plain tube with serum separator

(min volume 2- 3ml)

## TRANSPORTATION REQUIREMENT

2 - 8 °C

(Up to 3 days)

## METHOD

Real-Time Reverse Transcriptase

Polymerase Chain Reaction (RT-PCR)

## TEST SCHEDULE

Daily (Monday to Saturday)

Cut off time: 2.00 PM

## TURNAROUND TIME (TAT)

1 - 2 Days

upon specimen arrival

## DETECTION OF

HCV is a member of the Flaviviridae family and has been recognized as the major causative agent of chronic liver disease, including chronic active hepatitis, cirrhosis and hepatocellular carcinoma. The HCV genome is a positive-sense RNA molecule of approximately 9500 nucleotides. HCV is usually transmitted through percutaneous exposure to infected blood, primarily by intravenous drug use and receipt of unscreened donated blood products. Less frequently, HCV has been shown to be transmitted through occupational, perinatal and sexual exposures.

## Intended Use of Xpert® HCV Viral Load

### 1. Diagnosis:

Xpert® HCV Viral Load is used to confirm HCV infection in anti-HCV positive individuals.

### 2. Treatment Monitoring:

Xpert® HCV Viral Load is used for quantitation of Hepatitis C Virus (HCV) RNA in human serum or plasma (EDTA) from HCV-infected individuals. The test measures HCV RNA levels at baseline and during treatment and can be utilized to predict sustained and nonsustained virological responses to HCV therapy.