

GILEAD MEDICAL AND DENTAL CENTRE

LABORATORY REPORT

Patient Name: TITUS TETTEH TAWIAH

Operator:

Sample ID:

Age: 43

Gender: M

Running Date: 21/02/2018

SPECIMEN Type:

HCV-HEPATITIS C VIRAL LOAD(QUANTITATIVE)

TEST PRINCIPLE: TAQMAN REAL TIME PCR

TARGET SELECTED: Highly conserved sequence in the pre-Core/Core region of the HBV genome across A-G genotypes is selected for amplification and detection.

EQUIPMENT: COBAS AmpliPrep and COBAS TaqMan

RESULTS:

HBV- Hepatitis B Viral load(Quantitative)	65 IU/mL
Log Value	1.81
HBV- Hepatitis B Viral load	378 copies/ml

Results Interpretation

Results(IU/MI)	Log Value	Comments
Target Not Detected	Not Applicable	HBV DNA Not Detected
Below 20 IU/ml	Below 1.30	HBV DNA Detected less than 20 HBV DNA IU/mL
>20 - 170000000	1.30 - 8.23	HBV DNA Detected within the linear range of assay
Above 170000000	Above 8.23	HBV DNA Detected above the linear range of assay

Note:

- This assay is a quantitative assay used for monitoring patients on therapy and not a Qualitative assay used for screening. Hence **Target Not Detected** results should not be considered as HBV Status Negative for the patient.
- Quantitative viral load results are best reflected using log transformed units. Logarithmic expression best reflects the process of viral replication and less subject to over interpretation of non-clinically significant (minor) changes.

Test Details

Limit of Detection: 20 IU/ml
Measuring Range: 20-170000000U/ml
Conversion Factor: 1 IU/ml = 5.82 copies/ml

electronically signed by BIOMEDICAL SCIENTIST.