



Mr. HANAN ADBUL-WAHAB

PID NO: P36180010346

Age: 32 Year(s) Sex: Male

Reference:

Sample Collected At:
GILEAD MEDICAL & DENTAL CENTER
HOUSE NO BALB NO C896/3,KANDA
HIGHWAY NORTH RIDGE,ACCRA-
14911.
014911

VID: 36180110731

Registered On:

31/07/2018 05:57 PM

Collected On:

31/07/2018

Reported On:

01/08/2018 07:20 AM

Investigation

Troponin-I
(Serum,ELFA)

Observed Value

<1.5

Unit

ng/L

Biological Reference Interval

< 25

Please note changes in
Reference range , Unit and
Method

Interpretation :

- The current high-sensitivity troponin (hsTn) assay can detect low levels upto 0.003 μg/L (3 ng/L). (Following are the conversion factors- Concentration in pg/ml x 0.001= μg/L, Concentration in pg/ml x1.0 =ng/L)
- Reporting in many decimal point placements causes confusion and potentially can lead to misinterpretations, hence it has been recommended (IFCC2014) that the results are expressed in whole numbers by using ng/L as the unit of measurement.
- The high tissue specificity of cTnI measurements is beneficial for identifying cardiac injury in clinical conditions involving skeletal muscle injury resulting from surgery, trauma, extensive exercise, or muscular disease.
- Highly sensitive troponin (cTn) assay allows earlier detection of acute Myocardial Infarction (MI), with shortening of time window for serial measurement to 3 hours. Serial sampling to detect the temporal rise and fall of cTnI levels is recommended for the differentiation of acute cardiac events from chronic cardiac disease. STAT High Sensitive Troponin-I results should be used in conjunction with other information such as ECG, clinical observations, and symptoms, etc.
- Elevated troponin levels may be indicative of myocardial injury associated with heart failure, myocarditis, arrhythmias & other causes like chronic renal disease, pulmonary embolism.

Reference: hs Troponin I IFCC November 2014.

Mr. David Adjei Adu
Bsc.Biomedical Scientists



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Investigation

Troponin-T, (Qualitative)

(Whole Blood,Immunochromatography)

Observed Value

Negative

Unit

Biological Reference Interval

Negative

Interpretation:

- Below 0.10 ng/mL: Negative- REPEAT TEST in 4-6 hours if clinically indicated.
- Above 0.10 ng/mL: Positive (>99th percentile): Consistent with acute myocardial infraction.
- NB: NACB and ACC/AHA guidelines recommend at least one cardiac troponin concentration value greater than 99th percentile during the first 24 hours of onset of symptoms to confirm acute myocardial infarction.

-- End of Report --

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