



36170118806

Mrs. VERINIA MENSAH

Tel No : 1234567

PID NO: P36170018644

Age: 46 Year(s) Sex: Female

Reference: Dr.GILEAD MEDICAL

Sample Collected At:
Ghana

VID: 36170118806

Registered On:

29/11/2017 12:10 PM

Collected On:

29/11/2017 5:40PM

Reported On:

05/12/2017 11:55 AM

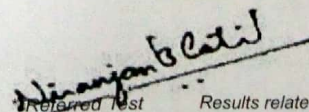
Genexpert MTB/RIF Resistance**Test Principle** : Semi - Nested Real Time PCR**Equipment** : GeneXpert (Cepheid)**Result :**

Mycobacterium Tuberculosis	NOT DETECTED
Rifampicin Resistance	--

Result Interpretation:

- If result is TB negative: This indicates no tuberculosis (TB). However, if the clinical picture is strongly suggestive of TB, a repeat test can be suggested by your referring doctor.
- If result is TB positive, and Rifampicin resistance negative: This indicates tuberculosis that can be treated with commonly used drugs. Please seek assistance from the referring doctor for treatment of tuberculosis, which is a highly curable disease.
- If result is Rifampicin resistance positive and you have previously taken TB treatment: This indicates drug resistance - TB that is difficult to treat with commonly used drugs. Please seek assistance from the referring doctor for treatment of multidrug resistant tuberculosis (MDR TB) which requires specialized management, including additional drug-susceptibility testing.
- If result is Rifampicin resistance positive and you have NOT previously taken TB treatment: This may indicate drug resistance, but requires confirmation. Please seek a second test from an accredited laboratory to confirm the presence of multidrug resistant tuberculosis (MDR TB) which requires specialized management.
- You are entitled to FREE TB drugs from specific government TB centers and hospitals. Details are available on www.ipaqt.org.

Refer to conditions of reporting overleaf


Referred Test

Results relate only to the sample as received

Dr. Niranjan Patil

METROPOLIS
The Pathology Specialist**INNER HEALTH REVEALED**

TEST REPORT

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Clinical Background:

- GeneXpert MTB/RIF, is a rapid automated molecular test for diagnosis of Mycobacterium tuberculosis (MTB) and resistance to rifampicin (RIF) in clinical specimens.
- It targets rpoB gene (hot spot region) which is critical for identifying Rifampicin resistance mutations.
- MDR TB is defined as TB due M.tb complex, resistant to both Isoniazid & Rifampicin. Rifampicin acts as a surrogate marker for MDR TB as 90% of rifampicin resistant strains are also isoniazid resistant.

Reference:

- National Institute for Clinical Excellence (NICE) Clinical Guideline 33, 2006.
- http://www.who.int/tb/features_archive/new_rapid_test/en/index.html
- Catharina C. Boehme, ., Pamela Nabeta , Doris Hillemann et al Rapid Molecular Detection of Tuberculosis and Rifampin Resistance. N Engl J Med. september 9, 2010;363: 1005-1015

-- End of Report --

Refer to conditions of reporting overleaf

Niranjan Patil
Referred Test

Results relate only to the sample as received

Dr. Niranjan Patil

METROPOLIS
The Pathology Specialist

INNER HEALTH REVEALED