



Factsheet LIOFeron® TB/LTBI IGRA Test

1- What kind of test is it?

LIOFeron® TB/LTBI is an immunological test diagnosing infection with latent tuberculosis, more scientifically called Latent Tuberculosis Infection (LTBI).

2- Can LIOFeron® TB/LTBI also diagnose active TB?

Yes, but this test, similar to all other IGRA tests, cannot differentiate between active TB and LTBI.

3- Have clinical studies been done with LIOFeron® TB/LTBI?

Yes, it has been evaluated in three independent TB hospitals. Two clinical studies have been published showing excellent performance of LIOFERON in adults and in children.

4- What if the QuantiFERON TB Gold Plus and LIOFeron® TB/LTBI results are different?

In such cases, one has to consider the results of further tests, such as microscopy, culture, PCR tests, skin test and clinical symptoms.

5- Which antigens Tube is more important for LTBI diagnosis by LIOFeron® TB/LTBI?

The tube containing the three proteins ESAT6, CFP10 and TB7.7 spanning all peptides belonging to these proteins.

6- Can we use Instruments, ELISA readers of different manufacturers?

Yes, the current version of LIOFeron® TB/LTBI can be used on any open system.

7- Is there any software to automatically analyse the results of LIOFeron® TB/LTBI?

Yes, we have developed a STAND-ALONE SOFTWARE called LIOFERON®, which can automatically analyse the results. It is freely available from our homepage: www.lionex.de. Please register yourself and download the software. We will provide the password for installation.

8- Do we need additional reagents while using the LIOFeron® TB/LTBI kit?

No, all reagents and components are provided with the LIOFeron® TB/LTBI kit (Blood stimulation tubes and ELISA plates).

9- Can we collect blood directly in the LIOFeron® TB/LTBI kit tubes?

Blood can be collected first in proper Li-Heparin tubes and then dispensed into the tubes provided in the LIOFeron® TB/LTBI kit according to the instructions of use:

Or

blood which is taken with injectors, butterfly sets, etc. can be directly added to the LIOFeron TB/LTBI HUMAN BLOOD STIMULATION TUBES provided in the kit followed by incubation because the LIOFERON Blood collection tubes contain Li-Heparin anticoagulant.

10- Are the LIOFeron® TB/LTBI kit tubes, screw-cap blood stimulation tubes?

No, you have to pull the caps to open and press tightly to close the caps.

11- Do we need a CO₂ incubator?

Not necessary, but you can use one; if available.

12- What is the reason for using IGRA tests in endemic countries, where there is a very high proportion of LTBI?

Such tests are helpful if clinical symptoms indicate active TB, since a positive result of an IGRA test shall confirm infection with MTB to a high degree.

13- Are such IGRA tests useful for population screening with TB-prevalence in mind?

No, such IGRA tests are not specific for active TB and hence, cannot be used for determining prevalence of active TB in a population.

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