

## Senior Lab Technician-(EQA)

### Organization:

Foundation for Innovative New Diagnostics (FIND) is established in India as an independent non-profit organization created under Section 8 (Indian) Companies Act, 2013 with its office in New Delhi. The organization is dedicated to activities that result in 1) new diagnostic tools; 2) expanded access to these tools; and 3) strengthened diagnostic testing capacity for poverty-related diseases. FIND India has several projects in TB, Hepatitis C (HCV), COVID-19, Malaria, Fevers and Antimicrobial Resistance (AMR).

### Your mission/Overall objective:

FIND in collaboration with National Tuberculosis Institute (NTI), Bangalore is supporting the National TB Elimination Program (NTEP) to scale up CBNAAT (Cartridge based Nucleic Acid Amplification Test) External Quality Assessment (Proficiency Testing) in a phased manner across the country through funding support from Centre for Disease Control (CDC). With technical support of CDC Atlanta, NTI and FIND have developed in-country capacity to manufacture proficiency testing (PT) panels for CBNAAT EQA at International Centre for Excellence in Laboratory Training (ICELT) at NTI. Four rounds of CBNAAT EQA (External Quality Assurance) have been completed pan nation which covered all CBNAAT testing sites (1238 public sector labs) across the country. Further, the NTEP is in the process of scaling up TrueNat™ POC testing aiming to establish >6000 sites over next 3-4 years. It will be critical to implement EQA (Proficiency testing) for TrueNat™ as well to ensure quality of services. The capacity at NTI will be enhanced to scale up manufacture of panels for CBNAAT and TrueNat™.

For more information about the organization, please visit <http://www.finddx.org/>

**Location:** ICELT- NTI Bangalore

### Key Job Responsibilities:

- The Senior lab Technician (Sr-LT) will report administratively on a day-to-day basis to their supervisor and functionally be under the direct supervision of the TB Lab-in-Charge.
- The Sr-LT will primarily assist the Lab- in-Charge in the implementation of NAAT EQA (GeneXpert & Truenat).
- Works under director supervision of in charge / Head of ICELT-NTI.
- Development of EQA panels at NTI, ICELT in a timely manner
- Maintaining of stock cultures
- Conducting of validation and verification procedures
- Seeding of stock cultures and validation and verification of seed cultures
- Regular monitoring of panel viability checks and quantification during panel development.
- Labelling and packaging panels
- Tracking of the panel shipments at site level
- Follow up with sites and state for timely submission of EQA results & post EQA assessments.
- Inventory management of all laboratory consumables/equipment

- Equipment maintenance tracking and reporting to the supervisor.
- Implementing the Standard Operating Procedures (SOPs) for TB laboratories, including SOPs
- Urgently reporting all adverse events in laboratory functioning to the Lab in-Charge and FIND India Technical Team.
- Liaising and facilitating with the FIND India technical team on all technical matters relating to laboratory functioning in consultation with the Lab-in-Charge.
- Undertaking any other job assigned by the FIND India technical team, as per project needs.

### **Desirable qualifications and Experience:**

Applicant must meet the following qualification requirements:

1. BSc. Microbiology /BSc. Biotechnology with DMLT or Equivalent with three (3) years of work experience in TB containment lab work and molecular TB diagnostics like LPA & NAAT technology.  
OR
2. Master's in science with a specialization in Microbiology/ Medical Microbiology/ Applied Microbiology/ Clinical Microbiology/Biotechnology/ Medical Biotechnology, or higher qualification, with minimum Two-years' experience in TB containment lab work and molecular TB diagnostics like LPA & NAAT technology.

### **Skills and Attitude:**

1. Experience with wet lab microbiology, TB containment lab & molecular biology techniques and using basic lab equipment
2. Experience of infectious diseases including TB
3. Ability to work independently and as a part of a team, with minimum handholding and supervision
4. Good oral and written communication skills.
5. Experience of data entry, data management and working with excel and PowerPoint is strongly desired
6. Ability to learn new technologies, perform multiple tasks simultaneously, and keep accurate records, will be an advantage.
7. Professional, passionate, energetic, and confident

### **Nature of Appointment:**

The selected candidate shall be initially offered a fixed term employment contract until **31 March 2024**. The position will be prolonged depending upon donor approval and requirements.

### **Compensation:**

The gross remuneration budgeted for the position shall be commensurate with the qualifications experience, and salary history of the selected candidate.

### **Deadline to send your application: 15 May 2022**

Please mail a motivation letter, a detailed resume and three references to [HR-IN@finddx.org](mailto:HR-IN@finddx.org).

*(But don't wait until the deadline! We will start screening right away and if we find the right person, we will stop searching.)*

*Please note that only applicants meeting the profile requirements will be personally contacted. Applications sent by recruitment agencies will not be considered.*