

## Research Associate I or II – Assay Transfer to Manufacturing

MBio Diagnostics of Boulder, CO ([www.mbiidx.com](http://www.mbiidx.com)) is seeking to fill the position of Research Associate I/II. MBio is a technology development company focused on next generation products for human clinical diagnostics, veterinary, and environmental applications. MBio products consist of a disposable plastic cartridge and portable reader used for a diverse set of biological assays. The right candidate will have demonstrated problem solving capabilities, excellent interpersonal behaviors, and demonstrated laboratory bench skills. This is an outstanding opportunity for someone seeking to join a collaborative organization with the potential to make a significant impact across many platforms. Our Boulder location provides a great work environment, commitment to our employees' collective success and potential for personal and professional growth!

### Job Duties:

The successful candidate will be responsible for one or more development projects to transfer production of biological assays on the MBio platform from R&D into a regulated manufacturing environment. This position will require work in human clinical diagnostics or other applications of the MBio cartridge platform. The projects will entail product development work to move production of biological assays from the research team into the manufacturing department, including provisioning for scale-up of the biologics production, process development, and procedural documentation development. The position will require handling of biohazardous materials such as human clinical specimens, and preference will be given to candidates with a Biosafety and Bloodborne Pathogen training background. The research associate will participate in experiment planning, execution, and data analysis as well as production documentation and assisting cartridge manufacturing staff with validations. The position requires excellent documentation and results communication skills. This position reports to MBio's Assay Transfer Lead.

### Expectations:

- Prefer 1-5 years of experience and demonstrated skills in development of biological assays or process development in the manufacture of clinical diagnostic assays.
- Proven performance and demonstrated skill with immunoassay techniques, such as ELISA, Western Blot, lateral flow assays, or protein microarrays.
- Position will be required to report findings to senior assay scientists and management; excellent written and oral technical communication skills are required.

No single candidate is expected to have demonstrated skill in all functions listed below, but candidates should highlight relative experience in a brief cover letter.

- Demonstrated biological laboratory technique experience, including but not limited to antibody purification, chromatography, and bioconjugation chemistries.
- Demonstrated skill working with biomedical or clinical diagnostics instrumentation, especially systems involving microarrays, fluid handling, and fluorescence microscopy.
- Competency with production equipment such as microarray printers, lyophilizers, PECVD systems, etc.
- Familiarity with biosafety level 2 and bloodborne pathogen handling.
- Working knowledge of surface chemistries as applied to biodetection assays.
- Familiarity with operating in a regulated environment (e.g., FDA Quality System or ISO).
- Demonstrated background with human clinical sample handling and preparation.

**Education and Experience:**

- B.S. or M.S. degree in biochemistry, molecular biology, microbiology, or related field from an accredited university. Corresponding compensation will be commensurate with level of experience.
- Prefer 1-5 years of relevant laboratory experience.

Applicant must have authorization to work in the U.S. Resumes must be accompanied by a cover letter explaining how the applicant meets the job requirements and desired skills. Please apply via Workable, or email cover letter and resume to [jobs@mbiodx.com](mailto:jobs@mbiodx.com) with applicant name and the job title listing in the subject line. No phone calls, please. (No third-party external recruiter assistance is required at this time.)

MBio Diagnostics, Inc. is an Equal Opportunity Employer committed to a diverse workforce.