

Title of Position: Research Associate

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Research Associate (484029)

Nanomix is the leader in the development of mobile point-of-care (POC) diagnostics, with a handheld testing platform and assays that provide rapid, accurate, quantitative information for use in settings where time is critical for clinical decision-making and improved patient care.

Position Responsibilities

Design and develop new cartridge prototypes, working with biosensors, filters, conjugate pads, microfluidics, device programming, etc. to enable specific biological assays on the eLab platform. Design processes required to manufacture product components by developing fixtures (CAD, Laser Printer, 3D Printer, Solidworks etc.), installing necessary components on machinery (Vacuum, Pressure Gauge, Pressure Regulator etc.), scripting robotic liquid handlers, drafting qualification requirements, and writing quality documentations. Design and execute biological wet lab experiments using ELISA, enzymatic assays, chromogenic assays, fluorescence/chemiluminescence. Work with electrochemical (CV, chronocoulometry) and analytical (FTIR, Raman) tools to characterize biosensors and their performance. Develop quality control methods and implement them in the quality system. Perform large scale data analysis using JMP, PRISM, MATLAB, and Python to analyze research data and manufacturing data.

Minimum Education & Job Requirements

Bachelor of Science (or foreign equivalent) in in Chemistry, Chemical Engineering, Biology, Bioengineering or related field and three (3) months of experience in the job offer or as an Intern. Also requires three (3) months of experience in Analytical Techniques such as HPLC; Process Design and Optimization; and Experimental Design.

If you meet the above requirements and are interested in learning more about this exciting position, please email your resume to info@nano.com & reference job code **484029**.

Nanōmix, Inc., is an equal opportunity employer.

Principals only. No recruiters or third-party inquiries. No phone calls or drop-ins.