Air-Based Pipetting, Reagent Dispense Verification, and Improvements to the Vacuum System for Gen-Probe’s Panther Automated Assay Instrument

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Microarray placement for Nucleic Acid Test Format (NAT) - Gen-Probe Incorporated utilizes 12x75mm reaction tubes as the reaction tube format in NAT testing. A new geometry and process for spotting or placing microarrays on the bottom of these reaction tubes accurately will be the theme of the project. A successful project will expand the test formats and menus for running multiple assays in Gen-Probe Incorporated instrument product line by producing a prototype injection mold and process for placement of reactions in the bottom of reaction tube.