LEAN Lab Layout

Figure 3 LEAN lab layout.

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TRANSFORMING A CANADIAN MICROBIOLOGY LABORATORY: LABORATORY AUTOMATION AND LEAN PROCESSES REDUCE ERRORS, IMPROVE STANDARDIZATION AND RESULT QUALITY WHILE IMPROVING PRODUCTIVITY

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Background Focused on excellence and innovation, DynaLIFEDx has transformed their Microbiology laboratory, which serves hospital and community patients, with the BD Kiestra Total Laboratory Automation (TLA) system.

With single piece flow and using the Inoqula:

Figure 1 Fewer processing errors.

- Staffing scheduled to align with specimen arrival and ready to read times allocated across 24 / 7.
- Allows for steady distribution of work and improved TATs.

Figure 2 Staffing matches demand.