



# Illumina LIMS (Laboratory Information Management System) Release Notes

Illumina LIMS v5.0.0

*For Microarray Processing*

September 21, 2017

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## Introduction

These release notes describe key changes to Illumina LIMS since the previous release of v4.8. Illumina LIMS v5.0.0 version has been tested with Windows 7.

## I. Illumina LIMS v5.0.0

### NEW FEATURES:

- Added support for processing Infinium XT products with Illumina LIMS
  - Added Infinium XT (MSA7) task groups. Each Infinium XT group includes:
    - Make IAC task
    - Incubate Web task
    - Fragment IAC task
    - Precip IAC task
    - Spin Web task
    - Resuspend IAC task
    - Confirm for Hyb Web task
    - Hyb IAC task
    - Prepare Hyb Chamber Web task
    - Wash Web task
    - XStain IAC task
    - Coat Web task
  - All Infinium XT tasks are tailored for higher throughput processing.
  - Infinium XT HT workflow supports reuseable/bulk reagents.
- Enabled multi-species products
  - Supports need for multiple BPM and cluster files when processing multi-species products
  - New screen to set the species at a sample level during batching
  - Multi-species support for analysis software (Autocall/Genome studio)

### OPTIMIZATIONS:

- Performance enhancements to support higher throughput processing
  - Infinium XT web tasks have been expanded to support higher throughput
  - Simultaneous Imaging and metrics processing improves iScan performance
  - Beadchip auto accession runs multi-threaded file copying

### DEFECT REPAIRS:

- Archive functionality repaired



**KNOWN ISSUES:**

- None