Ibis™ T5000™ and PLEX-ID™

Hardware Overview
**Ibis™ T5000™ Components**

- Bruker Daltonics micrOTOF™
- Automated heat sealer
- Clean-up module
- Thermo Electron robotic arm
- LEAP Technologies autosampler
- Ibis™ T5000™ software

- Ibis™ T5000™ processor
- Processing computer
- Data acquisition computer
- JUN-AIR® compressor (optional)
Loading Ibis™ T5000™ – Plates

Hotel 2
Magnetic bead plate

Hotel 1
Crude PCR plate

Hotel 3
Elution (ESI) plate

Barcode reading station

Barcodes must face the arm
**Loading Ibis™ T5000™ – Reagents**

- Reagent consumption about 50 ml per plate
- System liquid about 150 ml per plate
- System waste about 300 ml per plate (25 to 30% MeOH)

**Clean-up reagent 1, 2 and 3 bottles**

**System water (front)**

**System waste (back)**

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Forensic SNP Analysis

Ibis™ T5000™ and PLEX-ID™ Hardware Overview

4
Ibis™ T5000™ – In Action

(Video T5000_0002.wmv)

Ibis T5000 Hardware
PLEX-ID™ System
PLEX-ID™ System
PLEX-ID™ System

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PLEX-ID™ System – In Action

(Video PLEXIDVIDEO_0001.wmv)
**PLEX-ID™ System Features and Benefits**

- Expedites delivery of results with the ability to process 300 samples in a 24 hour period
- Offers the efficiency of 15 tray load capability
  - 6 or 12 samples / tray
- Has STAT capabilities
Questions?
Contact Information

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