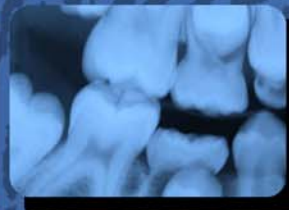# Crime Fighter BEAST

DNA Analysis Module

About Porter Lee Corporation

Porter Lee Corporation has been in business for more than 10 years providing forensic LIMS and evidence handling software and services. We serve only the forensic and law enforcement communities. Our product was born in the crime lab and police property room. From the beginning, the entire product line has been designed to facilitate the collection and preservation of forensic evidence, provide an unbreakable chain-of-custody record, and enhance the day-to-day efficiency of the agencies in which we operate.

Unmatched Experience & Credentials

Our LIMS is in use with approximately 50 laboratory customers comprising 80+ laboratory sites; many of whom are ASCLD/LAB accredited. Porter Lee Corporation is ISO certified to the ISO9001:2000 standard. In addition, our LIMS is fully compatible with the requirements of ISO17025,such as providing an audit trail, preventing data loss, security of data transmission and storage, and documentation requirements for calibration and maintenance.

Complimentary Products:
• Crime Fighter BEAST Forensic LIMS
• CODNA DNA Database
• Crime Fighter BEAST Police Property and Evidence Management System
• COBIS Ballistics Identification System Database

Contact Information

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Crime Fighter BEAST

The Crime Fighter BEAST (Bar coded Evidence Analysis Statistical Tracking) system is a Laboratory Information Management System (LIMS) specifically designed for forensic crime laboratories and medical examiners. Configuration of the system allows the LIMS to reach into every section of the lab as well as linking the lab to submitting agencies. The DNA Module is one example of the BEAST's level of sophistication and integration.

DNA Workflow Automation and Convicted Offender Database

The DNA module uses the power of our LIMS database, the simplicity and speed of barcodes and the intuitive nature of our graphical user interface to greatly enhance the efficiency of your DNA processing workflow. Our onscreen worksheets help you organize your work. Our instrument interfaces take worksheet and sample data directly to automation workstations such as the Tecan Freedom EVO and BioMek 2000. Onscreen worksheets are converted instantly to plate setup files that are exported directly to your instruments for quantitation, amplification and analysis protocols (ABI 7000, 7500, 310, 3100, and 3130). Results from the instruments are imported back into your worksheets just as easily. Our **Convicted Offender Database** solution allows your lab to process the growing number of offender samples in an extremely efficient manner and supports batch processing for high throughput.

Each step of the way, the Crime Fighter BEAST is there. The BEAST helps streamline and automate sample data entry, screening, extraction, quantitation, amplification, analysis, and the writing of your final report. The DNA Analysis Module eliminates duplicate data entry, interfaces bi-directionally to your laboratory instruments and robots, provides expedited sample pooling and re-queue, and imports sample data directly into your analysis reports. All of this adds up to a system that greatly enhances efficiency, accuracy and overall lab throughput.

DNA Analysis Modules

- **Item Tracker**
- **Sample Pooling**
- **Sample Re-queue**
- **Turnaround Statistics**
- **Integrated Lab Asset Manager**

Item Tracker

The current location of your samples will never be in doubt thanks to the Item Tracker feature. Simply scan an item tracker barcode, select the case/item from the search window and the sample's current location in the analysis process is displayed.

Analysis Pooling

The DNA module allows you to pool specimens from multiple cases. Technicians working on extraction, quantitation, amplification and analysis can pool items using our onscreen worksheets. The case numbers and item numbers are clearly shown in the onscreen plate maps and in the printed worksheets.

Sample Re-queue

When samples must be re-queued due to out of range results or other discrepancies, the DNA module makes it simple. The data need not be re-entered; the sample can be re-integrated with the original workflow or take it's own path as necessary.

Turnaround Statistics

Statistics on process efficiency are maintained at all steps of the managed workflow. This detailed compilation of data allows for ad hoc reports regarding turnaround time at each stage of the analysis. This information is very beneficial in identifying bottlenecks in your process or where to direct needed resources.

Instrument Interfaces

ABI
ABI 310, 3100, 3130, 7000, 7500

Beckman
BioMek 2000, 3000

Qiagen
BioRobot

Tecan
Freedom EVO Series

Deck Map - Robotic Interface

Extraction Worksheet

Onscreen Plate Map

Integrated Lab Asset Manager

The DNA Module takes advantage of Porter Lee Corporation's integrated Laboratory Asset Manager (LAM). This application manages all supplies, reagents, instruments and reference firearms used in the laboratory. When implemented in conjunction with the DNA Module, the LAM allows you to simply scan reagent barcodes to directly capture and input lot numbers and expiration dates into your worksheets. The Kit function allows you to scan a single barcode to input Kit information into your worksheets. This is a time-saving feature that also helps prevent mistakes. Incorrect or expired reagents generate warning messages and cannot be used.

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