

Feature Matrix: Base Product

(Optional value-added packages shown in yellow)

PROCESSING	
Receipt	Sample Setup
Serology – see Package 3: Inventory & Serology	
Workflow & Workload Management	Re-Hydration
	Batch Setup
	Extraction
	Tracking Extraction Volume
	Isolation Setup
	Quantitation Setup & Quantitation
	Normalization
	Amplification Setup & Amplification
	CE Setup & Analysis
Data Analysis	
Control Profiles	Verification of Control Profiles
	Management of Control Profiles
Profile Validation – see Package 2: Profile & Storage	
Sample Reworks	
Batch Reworks	
Sample Management	
Profile Actions – see Package 2: Profile & Storage	
Instrument Interface	Quantitation Instruments (import/export files)
	Genetic Analyzers (import/export files)
Liquid Handling Robots – see Package 1: SOP & Planning	
Instrument Tracking	Liquid Handling Robots
	Quantitation Instruments
	Genetic Analyzers
	Thermal Cyclers (all models)
	User-defined Instruments
Instrument Management & Maintenance	Instrument Definition
	Instrument Template Properties
	Sequencer Preparation
	Maintenance Schedule Definition
SOP Management – see Package 1: SOP & Planning	

SUPPORTING MODULES	
Laboratory Process Configuration	Batch Type Definition
Consumable Definition	General Characteristics
	QA/QC Requirements
	Recipe Definition
	Kit Components Definition
	Process Configuration
	Breakdown
	Dispensing
	Preparation
	QA/QC
	Receiving
	Rejection
Releasing	
Calendar and Alerts – see Package 1: SOP & Planning	
Inventory Management – see Package 3: Inventory & Serology	
Order Management – see Package 3: Inventory & Serology	
Storage Management – see Package 2: Profile & Storage	
SECURITY & CONFIGURATION MANAGEMENT	
Code Table Maintenance	
Organization Configuration (Agencies, Manufacturers, Suppliers)	
User Preferences	
System Configuration	
Role Management	
User Management	
REPORTS & UTILITIES	
Reports	Consumable Breakdown
	Upcoming Instrument Maintenance
	DNA Processing Statistics
	Batch History
	Sample History
	Consumable History
	Consumable Inventory
	Extraction Type Statistics
Utilities	View Batches
	Activity Viewer
DNA Lab Troubleshooter – see Package 1: SOP & Planning	
LICENSING & SUPPORT	
Premium Level Support	

Feature Matrix: Value-Added Packages

1. SOP & Planning Package	
Standard Operating Procedures (SOP) Management	Integrates with SOP
	Manages SOP documents
	Interfaces with liquid handling robot instruments
Calendar and Alerts	Tracks consumable expiry dates in a calendar
	Tracks instrument maintenance in a calendar
	Reports all historical transactions
	Provides email alerts
	Global Planner
DNA Lab Troubleshooter	Spots trends in the processing success rate
	Searches, identifies and pinpoints the causes of contamination events and instrument trends
	Finds common elements amongst processing steps, users, instruments and plates
	Lists batches and displays their content
	Lists details of all batches in the system and allows you to export results
External LIMS Interface	Interfaces with any LIMS

2. Profile & Storage Package	
Profile Validation	Detects cross contamination
	Compares imported sample profiles against defined control profiles
	Compares imported sample profiles against sample profiles on batch
Profile Actions	Provides NDIS acceptable values
	Provides allele edit values
	Manages profiles
	Uploads to CODIS
	Uploads to PopStats
	Uploads to Y Stats
	Provides call sheet
Storage Management	Defines storage locations
	Defines storage actions (storing, retrieving, discarding, transferring and locating laboratory items)

3. Inventory & Serology Package	
Inventory Management	View all consumables in the lab on one worklist
	Track consumable statuses in lab (in use, consumed, expiring soon, rejected, expired)
	Consumables that fall below minimum quantity required in lab are highlighted ... telling user to reorder
	View individual bar codes of each consumable to view lot numbers, received dates and current status.
Order Management	Manages orders
	Reports consumable consumption
	Reports consumable costs
Serology	Defines user-managed exams
	Documents serology exams
	Reports serology cases
	Calculates serology statistics