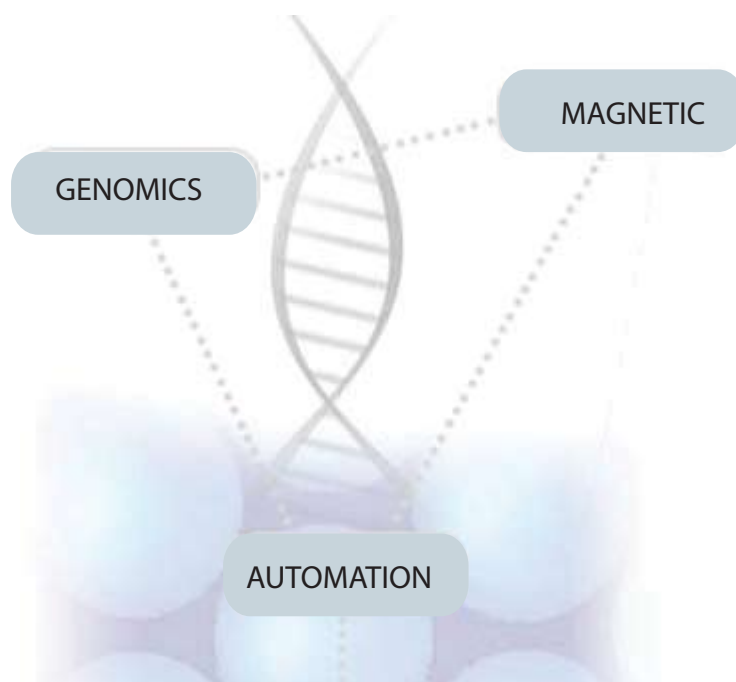


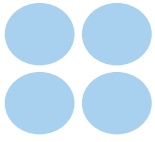
DNA SAMPLE PREP FOR FORENSIC APPLICATIONS

Smart D-N-Adem kit for Profiling: Database

Crime Prep Adem-kit : Casework

AutoMag Solution: Automated DNA Extraction





PURIFIED AND NORMALIZED DNA CAPTURE

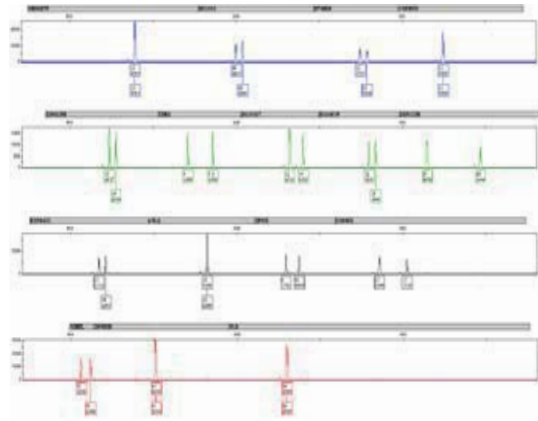
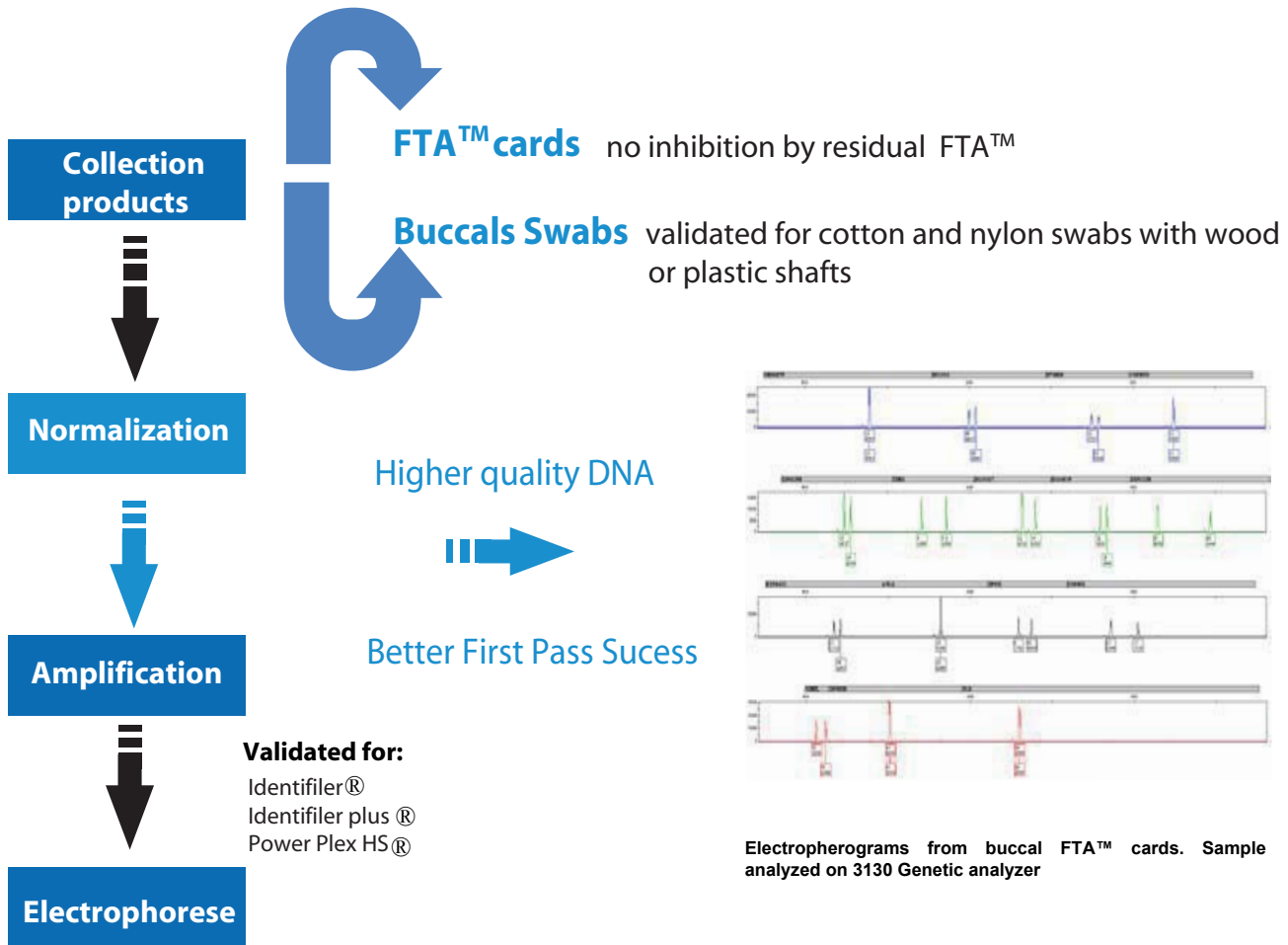
FROM REFERENCE AND DATABASE SAMPLES

- More first run DNA Profiles
- Save time, save money, less re-analysis
- Cost competitive pricing - on kits and reagents
- Quick process and easy implementation on robotic workstation

Smart D-N-Adem-Kit delivers a standardized quantity of PCR quality from blood and buccals swabs and cards



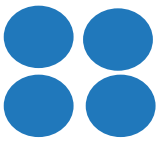
Kit components:
 Lysis Buffer
 Magnetic particles
 Wash Buffer
 Elution Buffer



Electropherograms from buccal FTA™ cards. Sample analyzed on 3130 Genetic analyzer

Validated sequencers:

	3130 xL 3500 XL	Samples type	First pass success rate (400 RFU threshold)	Peak height ratios	Number of samples tested
FTA™ cards		Blood (540 days)	100%	85 %	36
		Buccals cells	95.50%	87% (SD ± 7%)	2047
Swabs		Buccals cells	100%	86,6 (SD ± 2.8%)	21

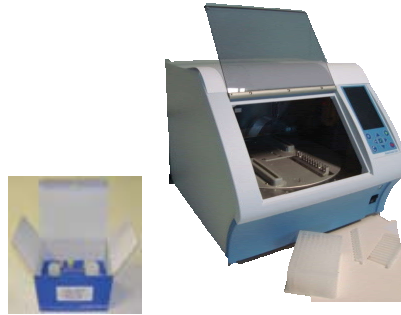


DNA PURIFICATION FROM CASEWORK SAMPLES



- Specifically designed for forensic DNA laboratories : maximize quantity and quality of recovered DNA - ideal for routine and challenging samples
- Ultra - pure, DNA - STR quality DNA from **all casework samples**
- Optimized lysis for most forensic samples (trace evidence, adhesive tape, hair roots ...). Use larger volume for efficient extraction from absorbent materials (fabric, clothing...)
- Fully validated for all samples types - manual and automated extractions

Crime Prep Adem-Kit specifically designed for casework samples



Kit components:
 Lysis Buffer
 Magnetic particles
 Proteinase K
 LB Buffer
 Wash Buffers
 Elution Buffer

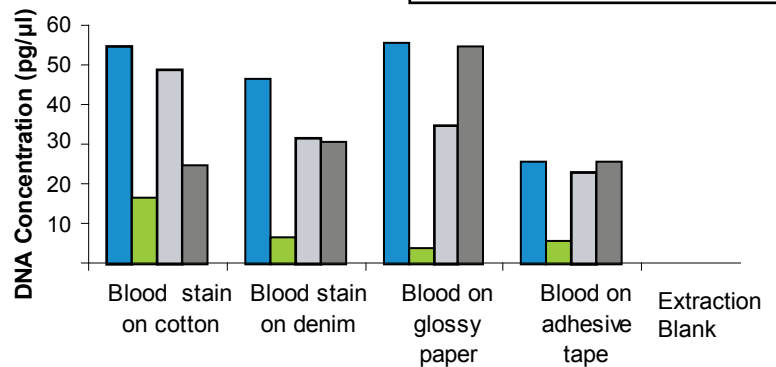
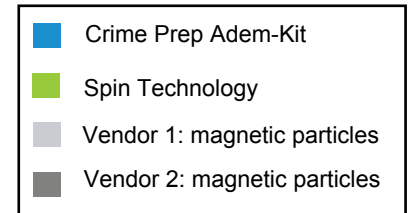


Figure 1. Improve DNA yield and concentration

Quantifiler® Human kit results showing DNA Concentration from simulated casework samples using Crime Prep Adem-Kit and 3 other methods commonly used in human forensic laboratories. For all samples, Crime Prep Adem Kit exceeded or matched the concentration and total yield of DNA produced by other methods.

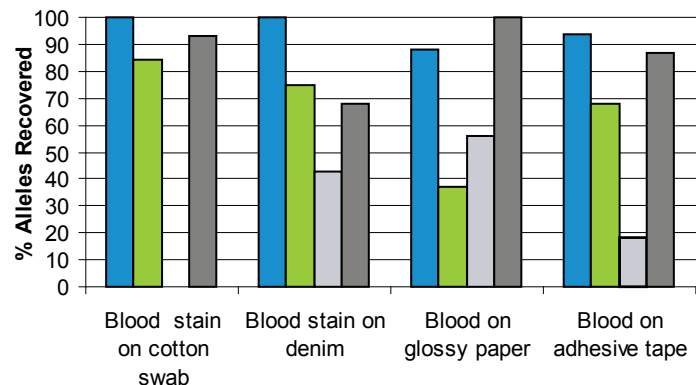
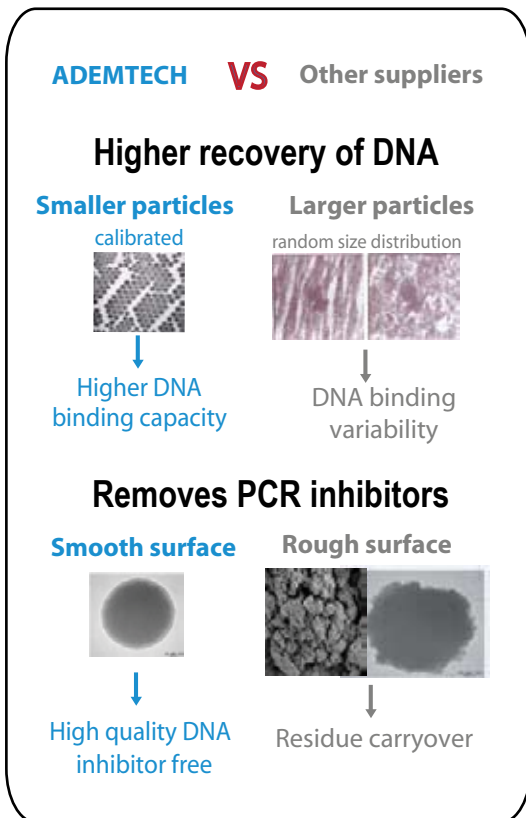
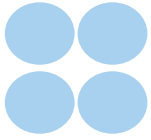


Figure 2. Improve downstream performance

Study showing the percent allele recovery using the AmpFISTR Identifier® PCR plus kit. Crime Prep Adem-Kit matched or exceeded the total percentage of alleles recovered for each sample type when compared to 3 other purification methods commonly used in human identification laboratories.



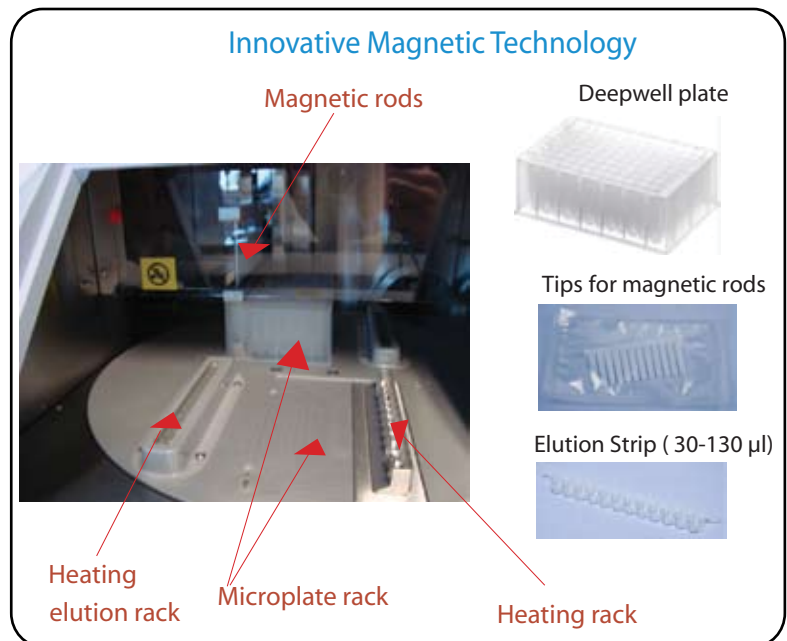


AUTOMAG SOLUTION

- Easy-to-use automated extraction workstation with magnetic-bead based system
- Small footprint, robust robotics and closed system to reduce contamination
- Purifies DNA from 1-12 samples in 30 minutes - up to 24 samples without operator intervention
- Rapid implementation with pre-validated, preprogrammed protocols - FILL, PLACE and GO



Validated kits:
 Crime Prep Adem-kit
 Smart D-N-Adem-kit
 for DNA databasing



Ordering information

Product	Code number	Size
Instrument		
AutoMag	21101	each
Consumables for AutoMag		
Microtiter 96 deepwell plate	21102	50 pcs
12- tip comb for 96 DW plate	21103	50 pcs
Elution strip	21104	40 pcs
Combi pack for 96 DW plate	21105	each
Kits		
Crime Prep Adem-Kit	06210	96 preps
Smart D-N-Adem-Kit for Profiling (FTA cards)	06140	100 preps
Smart D-N-Adem-Kit for Profiling (swab)	06142	100 preps
Magnets		
Adem-Mag MODULO Classic for microtube	20105	each
Adem-Mag 96 for microplate	20106	each