RapidHIT ID DNA Booking System
quick reference guide
DNA results in 90 minutes
Applied Biosystems™ RapidHIT™ ID DNA Booking System operator workflow

1. Obtain a sample
2. Sign in (3 options)
3. Enter sample identification

- Buccal/cheek swab
- Insert the buccal/cheek swab into a sample cartridge

- Six-digit pin
- Enter sample ID number or name

- Facial recognition
- Scan barcode

- Fingerprint

Note: Step 3 is optional based on workflow; if not applicable, move directly to step 4.
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4. Place the sample cartridge into the instrument.

Run will automatically start and results will be generated in ~90 minutes.

Instrument will read the RFID from the sample cartridge and automatically track the part number, lot number, date of run, protocol run, and sample ID with the results.

5. Remove the sample cartridge from the instrument.

A green checkmark indicates a profile was generated; a yellow or red X indicates that the run was unsuccessful.

Discard or store the sample cartridge based upon standard operating procedures.

Rapid CMF generated for CODIS upload.
Self-contained cartridge technology uses standard laboratory steps to process samples

Applied Biosystems™ RapidHIT™ ID ACE cartridge

1. Obtain the buccal swab according to your standard operating procedure.
2. Swab the inside of the cheek 5 times to obtain sufficient sample.
3. Load swab (cotton tip down) into the sample cartridge.
4. Add tamper-resistant seal to cartridge.

Workflow process at a glance

Collect sample from arrestee  Process sample on-site in 90 minutes or less  Get database search results while arrestee is still in custody

NDIS-approved for use by booking stations and accredited forensic DNA laboratories with known reference DNA samples and the RapidHIT ID ACE GlobalFiler Express Sample Cartridge.

Find out more at thermofisher.com/rapidDNA

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