Quick reference guide: RapidHIT ID System

DNA results in 90 minutes

Dimensions (H x W x D): 53 x 48 x 27 in.
Weight: 62.2 lb with all reagents

Camera/barcode reader
Touchscreen display
Fingerprint reader
Primary cartridge
Sample cartridge port
Main power switch, Ethernet, and USB
Sleep/awake button
Applied Biosystems™ RapidHIT™ ID System investigative lead workflow

1. Obtain a sample
   - Buccal/cheek swab
   - Crime scene samples

2. Sign in (3 options)
   - Facial recognition
   - Fingerprint
   - Six-digit pin

3. Insert cartridge and enter sample identification
   - Insert the sample into a sample cartridge
   - Instrument will read the RFID from the RFID chip
   - Scan barcode or manually enter sample name
Process sample on the instrument

1. Confirm sample and run information and start run.
2. A green checkmark indicates that a profile was generated, yellow indicates that the profile needs review by the lab, and red indicates there was no result.
3. Results will be generated in ~90 minutes.

Remove the sample cartridge

4. Discard or store the sample cartridge based upon standard operating procedures.
5. Review results in Applied Biosystems™ RapidLINK™ Software.
Two sample cartridges for various sample types

Self-contained cartridge technology uses standard laboratory steps to process samples.

Applied Biosystems™ RapidINTEL™ Plus Sample Cartridge

Applied Biosystems™ RapidHIT™ ID ACE GlobalFiler™ Express Sample Cartridge

Workflow process at a glance

Collect sample

Process sample on location in 90 minutes or less

Get hit/no-hit confirmation report

Find out more at thermofisher.com/rapidDNA

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