



RapidHIT ID System

Thermo Scientific

LAB-QUALITY FORENSIC PROFILES IN 90 MINUTES

- ▶ SAMPLE RUN TIME AS FAST AS 90 MINUTES
- ▶ ONE MINUTE OF HANDS-ON TIME WITH INTEGRATED SAMPLE CARTRIDGE
- ▶ CONSUMABLES TRACKING THROUGH RADIO FREQUENCY IDENTIFICATION (RFID)
- ▶ INTUITIVE TOUCHSCREEN INTERFACE
- ▶ FACIAL RECOGNITION AND BARCODE CAMERA
- ▶ FINGERPRINT READER

RAPIDLINK SOFTWARE APPLICATIONS

With the activation of Applied Biosystems™ RapidLINK applications, transform DNA results into rapid intelligence.™

RapidLINK Match Application

The matching process is on all the time, so you know immediately when there's a match

RapidLINK Familial Application

Search selected samples for familial matches within your RapidLINK database

RapidLINK Staff Elimination Database Application

Automatic detection of contamination from staff and manufacturing employee profiles

RapidLINK Kinship Application

Verify family relationships from specific samples in your RapidLINK database



THE COMPACT AND EASY-TO-USE APPLIED BIOSYSTEMS™ **RAPIDHIT ID SYSTEM** IS THE IDEAL RAPID DNA PLATFORM FOR GENERATING LAB-QUALITY FORENSIC DNA PROFILES FROM SINGLE-SOURCE SAMPLES.™

With just one minute of hands-on time, the fully automated RapidHIT ID System can generate short tandem repeat (STR) DNA profiles in the lab or in the field. Paired with Applied Biosystems™ RapidLINK Software, the system offers full control of DNA results with powerful sample matching, familial search, kinship, and staff elimination database applications.™

SAMPLE CARTRIDGES ENABLE A FULLY AUTOMATED WORKFLOW

The RapidHIT ID System uses self-contained sample cartridges to transform a multicomponent protocol into a single, user-initiated task. No matter which operator or at what site, standardized algorithms generate reproducible STR profiles within a closed system. RapidHIT ID sample cartridges provide the ability to run samples as they are received. Batching is no more necessary.



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APPLIED BIOSYSTEMS RAPIDHIT ID SYSTEM

Number of capillaries	1
Number of dyes	6
Sample format	Integrated sample cartridge
Dimensions	48 x 53 x 27 cm
Weight	28.4 kg with all reagents
Power input	100-240 V
On-instrument data storage	100 GB, 650 runs
On-instrument tracking	RFID (radio frequency identification)
Applied Biosystems RapidLINK analysis software	<ul style="list-style-type: none"> • RapidLINK Software v1.0 • RapidLINK Software v1.0 Staff Elimination Database Application • RapidLINK Software v1.0 Kinship Application • RapidLINK Software v1.0 Match Application • RapidLINK Software v1.0 Familial Application
Warranty	1 year
Connectivity	RJ45 Ethernet port, USB
Configuration	Instrument with recommended computer
Other	Refrigeration mechanism for primary cartridge

CONSUMABLES SPECIFICATIONS

Sample cartridge	
Cartridge type	Applied Biosystems™ RapidHIT™ ID ACE GlobalFiler Express sample cartridge™
Chemistry	GlobalFiler Express technology
Maximum number of runs	1
Shelf life	6 months from date of manufacture
Storage	4-10°C, refrigerated
On-instrument tracking	RFID (radio frequency identification)
Primary cartridge	
Cartridge type	Applied Biosystems™ GlobalFiler Express 150 primary cartridge™
Chemistry	GlobalFiler Express technology
Maximum number of runs	150 sample runs
Shelf life	6 months from date of manufacture
Storage	On instrument (recommended), in refrigerator at 4-10°C
On-instrument tracking	RFID (radio frequency identification)

THE RAPIDHIT ID SYSTEM OFFERS NEW WAYS TO WORK TOGETHER IN THE EFFORT TO SOLVE CRIME

Partners in forensics, law enforcement, and public safety can benefit from Rapid DNA results in many applications. The RapidHIT ID system and RapidLINK Software are designed to provide faster results and greater efficiency than ever before.

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