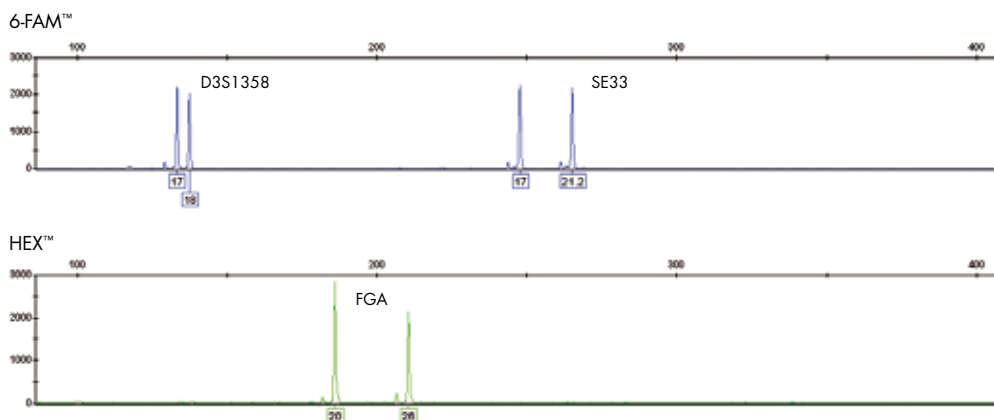


Technical Information

Investigator[®] Triplex DSF Kit

The Investigator Triplex DSF Kit is designed for genotyping of blood, buccal swabs, and forensic stains, and is preferentially used as a screening or pre-selection tool for degraded DNA samples that do not give distinct results with complex multiplexes. The three polymorphic STR loci are amplified simultaneously in a single multiplex PCR.

- Developed for pre-selection of critical forensic stains based on three STR markers
- Simultaneous amplification of D3S1358, FGA (FIBRA), and SE33 (ACTBP2)
- Well suited for low-copy and degraded DNA samples
- Highly sensitive and inhibitor resistant, with no overlapping allelic ranges within a panel
- Genetic analyzer calibrated using DS-30 Matrix



Electropherogram of the Investigator Triplex DSF Kit. Analysis was performed on an ABI PRISM[®] 3130 Genetic Analyzer using 200 pg Control DNA XY1. Allele assignment was performed using the GeneMapper[®] ID Software and the Investigator Triplex DSF Template File.

Technical specifications

Volume per PCR reaction	25 µl
Matrix	DS-30
Fluorescence labels	6-FAM, HEX, ROX™
Genetic analyzers	ABI PRISM® 310, ABI PRISM 3100/3100-Avant, Applied Biosystems® 3130/3130xl, or Applied Biosystems 3500/3500xL Genetic Analyzer

Dyes

Dye	Markers
6-FAM	D3S1358 SE33 (ACTBP2)
HEX	FGA

Ordering Information

Product	Contents	Cat. no.
Investigator Triplex DSF Kit (400)*	Primer mix, reaction mix, DNA Polymerase, Control DNA, allelic ladder Triplex DSF, DNA size standard, and nuclease-free water	380327

* Not available in all countries.

For up-to-date licensing information and product-specific disclaimers, see the respective QIAGEN kit handbook or user manual. QIAGEN kit handbooks and user manuals are available at www.qiagen.com or can be requested from QIAGEN Technical Services or your local distributor.

Learn more at www.qiagen.com/InvestigatorIDKits.

ISO 18385 compliant, see www.qiagen.com/forensicgrade.

Trademarks: QIAGEN®, Sample to Insight®, Investigator® (QIAGEN Group); 6-FAM™, ABI PRISM®, Applied Biosystems®, FAM™, GeneMapper®, HEX™, ROX™.
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