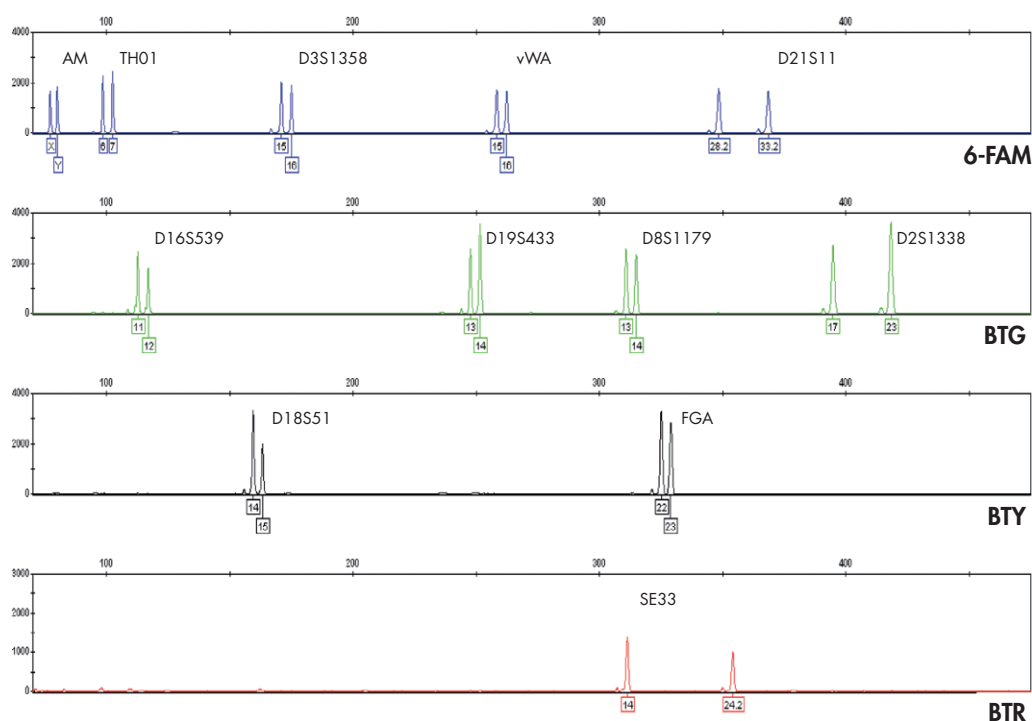


Investigator™ Decaplex SE Kit

The Investigator Decaplex SE Kit enables amplification of the 10 loci included in the second generation multiplex plus (SGM Plus) standard, in addition to SE33 and the gender-specific marker Amelogenin. The primers included in the kit were developed to prevent allele overlap, thereby reducing the likelihood of result misinterpretation. Furthermore, the primer set covers all known mutations in the primer binding site of SE33, and because this locus runs on a channel separate from the other markers, visualization of this marker can be faded out if desired.

- Simultaneous amplification of SGM Plus markers, SE33 and Amelogenin
- Covers all known mutations in SE33 primer binding site
- Well suited for processing criminal database and casework reference samples
- Highly sensitive and inhibitor resistant with no overlapping allelic ranges within a panel
- Genetic analyzer calibrated with BT5 Matrix



Electropherogram of the Investigator Decaplex SE Kit. Analysis was performed on an ABI PRISM® 3130 Genetic Analyzer using 350 pg Control DNA XY13. Allele assignment was performed using the GeneMapper® ID Software and the Investigator Decaplex SE Template File.

Technical specifications

Volume per PCR reaction	25 µl
Matrix	BT5
Fluorescence labels	6-FAM™, BTG, BTY, BTR, BTO
Genetic analyzers	ABI PRISM 310, 3100-Avant/3100, or 3130/3130xl Genetic Analyzer

Dyes

Dye	Markers
6-FAM	Amelogenin TH01 D3S1358 vWA D21S11
BTG	D16S539 D19S433 D8S1179 D2S1338
BTY	D18S51 FGA
BTR	SE33

Ordering Information

Product	Contents	Cat. no.
Investigator Decaplex SE Kit (100)*	Primer mix, reaction mix, DNA Polymerase, Control DNA XY13, allelic ladder Decaplex SE, DNA size standard 550 (BTO), and nuclease-free water	381025
Investigator Decaplex SE Kit (400)*	Primer mix, reaction mix, DNA Polymerase, Control DNA XY13, allelic ladder Decaplex SE, DNA size standard 550 (BTO), and nuclease-free water	381027
Matrix Standard BT5 single cap. (5 x 25)	Matrix standard 6-FAM, BTG, BTY, BTR, and BTO	386113
Matrix Standard BT5 multi cap. (25)	Matrix standard 6-FAM, BTG, BTY, BTR, and BTO	386123
Matrix Standard BT5 multi cap. (50)	Matrix standard 6-FAM, BTG, BTY, BTR, and BTO	386125

* Distributed worldwide, except in Australia, Canada, South Korea, and the USA.

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.

Visit www.qiagen.com/InvestigatorIDKits.

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