

Mentype[®] Nonaplex I

For amplification of STR loci recommended by EDNAP & German forensic DNA database



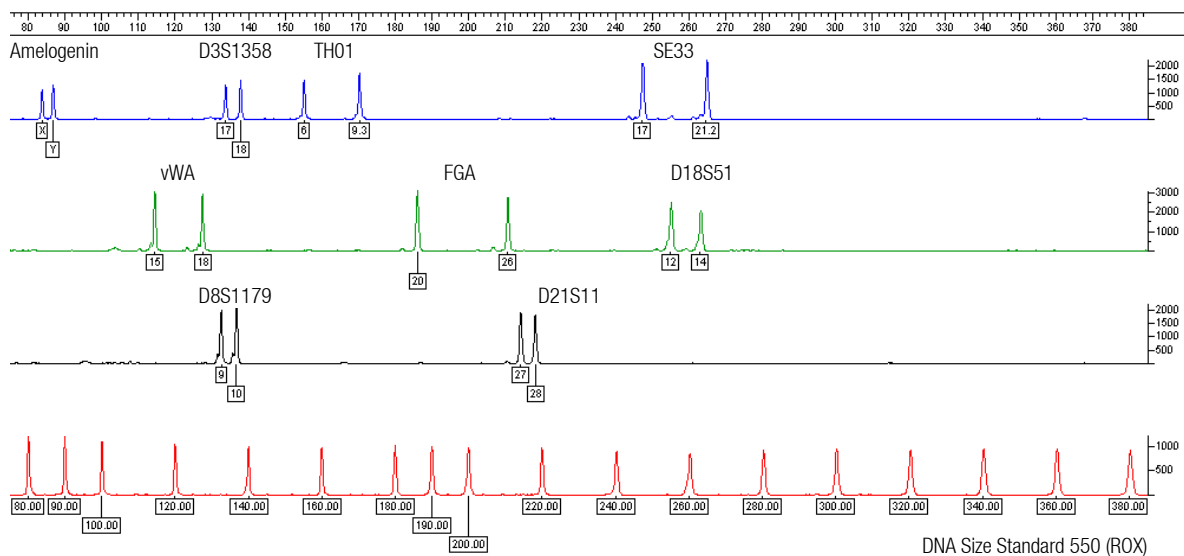
Mentype[®] **Nonaplex I** was developed for the multiplex amplification of the eight STR-markers for the German DNA database plus Amelogenin whereas a well-balanced intensity of all signals was elaborated for the primer mix. With Mentype[®] **Nonaplex I** definite interpretation of the STR profiles of blood samples, swabs, and forensic stains is fast and reliable. The following markers are amplified simultaneously:

Bio type[®]

6-FAM:	Amelogenin	D3S1358	TH01 (TC11)	SE33 (ACTBP2)
HEX:	vWA	FGA (FIBRA)	D18S51	
NED:	D8S1179	D21S11		



Reliable profiling of eight STR markers and Amelogenin



Electropherogram of PCR products using the Mentype[®] **Nonaplex I** analysed on an ABI PRISM[®] 310 Genetic Analyzer with Genotyper[®] software. Use of 500 pg control DNA XY1

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Components and amounts for 100 reactions

Nuclease-free water	3.0 mL
Reaction mix A	500 µL
Primer mix	250 µL
Control DNA XY1	10 µL
DNA Size Standard (ROX)	50 µL
Allelic ladder	10 µL
Biotype [®] template files (Genotyper [®] /GeneMapper [™] ID) CD-ROM	

Technical specification

Detection limit: ≤ 500 pg genomic DNA
Optimal amount of template DNA per reaction: 0.2-1.0 ng
Volume per PCR-reaction: 25 µL
Fluorescence labels: 6-FAM, HEX, NED, ROX

Use with

ABI PRISM[®] 310 Genetic Analyzer
ABI PRISM[®] 3100-Avant/3100 Genetic Analyzer
ABI PRISM[®] 3130/3130xl Genetic Analyzer
ABI PRISM[®] 3730 DNA Analyzer

Ordering information

Product	Content	Cat. No.
Mentype [®] Nonaplex I	100 reactions	41-09113-0100
Mentype [®] Nonaplex I	400 reactions	41-09113-0400
Mentype [®] Nonaplex I	1000 reactions	41-09113-1000



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04/2010