

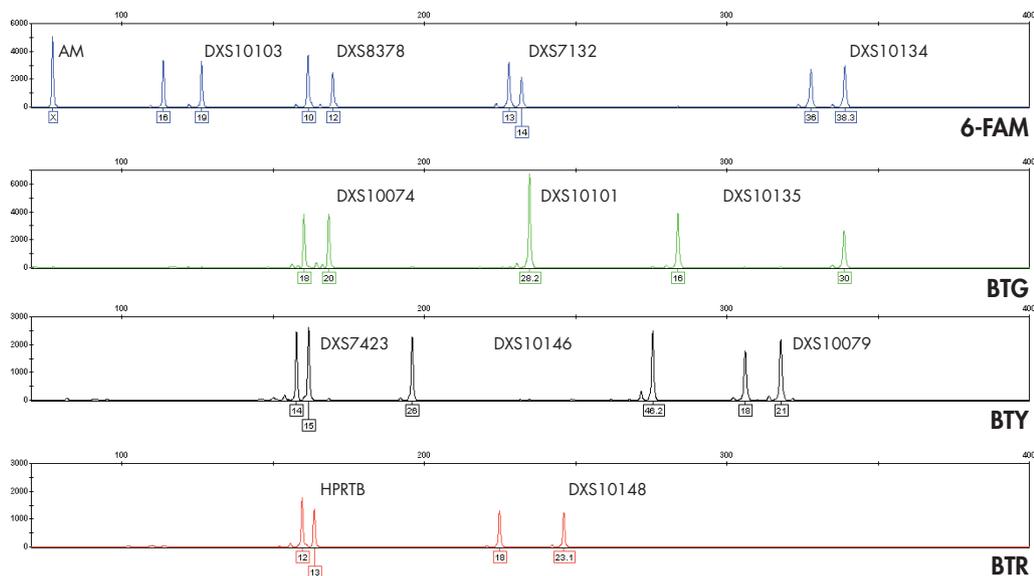
Investigator™ Argus X-12 Kit

The Investigator Argus X-12 Kit enables simultaneous amplification of 12 X-chromosomal markers, which are highly informative for kinship and paternity testing, as well as population genetics and anthropological studies. In addition, this kit is highly suited for analysis of forensic stains, such as female traces on a male background. The markers are clustered into four linkage groups (three markers per group; see below), and thus each set of three markers is handled as a haplotype for genotyping.

- Well suited for paternity and forensic testing, as well as population genetics studies
- Simultaneous amplification of 12 X-chromosomal STR markers
- Heightened discriminatory power for deficiency cases involving at least one female
- Informative supplement to the Investigator Argus Y-12 QS Kit
- Genetic analyzer calibrated with BT5 Matrix

Linkage groups

Linkage group	
1 (Xp22)	DXS8378 – DXS10135 – DXS10148
2 (Xq11)	DXS7132 – DXS10074 – DXS10079
3 (Xq26)	HPRTB – DXS10101 – DXS10103
4 (Xq28)	DXS7423 – DXS10134 – DXS10146



Electropherogram of the Investigator Argus X-12 Kit. Analysis was performed on an ABI PRISM® 3130 Genetic Analyzer using 350 pg female Control DNA XX28. Allele assignment was performed using the GeneMapper® ID Software and the Investigator Argus X-12 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	DXS10103	DXS8378	DXS7132	DXS10134
BTG		DXS10074	DXS10101	DXS10135	
BTY		DXS7423	DXS10146	DXS10079	
BTR	HPRTB	DXS10148			

Ordering Information

Product	Contents	Cat. no.
Investigator Argus X-12 Kit (25)*	Primer mix, reaction mix, DNA Polymerase, Control DNA XX28, allelic ladder Argus X-12, DNA size standard 550 (BTO), and nuclease-free water	383213
Investigator Argus X-12 Kit (100)*	Primer mix, reaction mix, DNA Polymerase, Control DNA XX28, allelic ladder Argus X-12, DNA size standard 550 (BTO), and nuclease-free water	383215
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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