

Q Protocol

QIAgility[®] assay setup protocol: CE loading with the AmpF_{STR}[®] Identifiler[®] PCR Amplification Kit

Q protocol description

- Assay setup for CE on ABI PRISM[®] 310, ABI PRISM 3100-Avant[™]/3100, Applied Biosystems[®] 3100, 3120, 3130/3130xl, and 3500[™]/3500xl Genetic Analyzers
- Up to 29 samples (32 reactions)
- Hi-Di[™] Formamide and GeneScan[®]-500 LIZ Size Standard must be premixed

Assay setup

Liquid	Volume
Hi-Di Formamide and GeneScan-500 LIZ Size Standard*	25 μ l
Sample	1.5 μ l
Total reaction volume	26.5 μl

* For more details about the ratio for mixing Hi-Di Formamide and GeneScan-500 LIZ Size Standard, visit www.appliedbiosystems.com.

Liquid	Number
Samples	Up to 31
Allelic ladder	1
Reactions	32



Worktable setup

Liquid	Plates/tubes
Samples	Thermo-Fast® 96 Non-Skirted Plate
Reactions	Thermo-Fast 96 Non-Skirted Plate
Hi-Di Formamide and GeneScan-500 LIZ Size Standard	Micro tube 1.5 ml Safety Cap*

For detailed Q Protocol and worktable setup information, see the pre-run report.

Ordering information

Hi-Di Formamide, cat. no. 4311320 (www.appliedbiosystems.com)

GeneScan-500 LIZ Size Standard, cat. no. 4322682 (www.appliedbiosystems.com)

AmpF λ STR Identifiler Allelic Ladder (a component of the AmpF λ STR Identifiler Amplification Kit, cat. no. 4322288; www.appliedbiosystems.com).

Recommended consumables to be supplied by user

Micro tube 1.5 ml Safety Cap, cat. no. 72.690 (www.sarstedt.com)

Thermo-Fast 96 Non-Skirted Plate, cat. no. AB-0600 (www.thermoscientificbio.com)

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