

Q Protocol

QIAgility[®] assay setup protocol: CE loading with Investigator[®] Human Identification PCR Kits

Q protocol description

- Assay setup for capillary electrophoresis (CE) on Genetic Analyzers
- Up to 32 samples
- Hi-Di™ Formamide and DNA Size Standard must be premixed
- Prepare Hi-Di Formamide and DNA Size Standard for the equivalent of 5 extra reactions
- Blank wells are filled with water by the QIAgility as defined in the sample bank

Assay setup

Liquid	Volume
Hi-Di Formamide and DNA Size Standard*	12 μ l
Sample	1 μ l
Total reaction volume	13 μl

* For more details about the ratio in which to mix Hi-Di Formamide and DNA Size Standard, see the relevant kit handbook.

Liquid	Number	
	Autosomal	Argus Y-12
Samples	Up to 32	Up to 32
Replicates	1	1
Positive control	1	2
Negative control	1	1
Allelic ladder	1	1
Reactions	35	36*

* Ensure that the correct number of wells are filled with water.



Worktable setup

Liquid	Plates/tubes
Samples	Thermo-Fast® 96 Non-Skirted Plate
Reactions	MicroAmp® Optical 96-Well Reaction Plate
Hi-Di Formamide and DNA Size Standard	Micro tube 1.5 ml Safety Cap
Allelic ladder	500 µl Self Standing Screw cap tube

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

Ordering information

Product	Contents	Cat. no.
Investigator Argus Y-12 QS Kit (100)*	Primer mix including an internal control (QS), reaction mix, Control DNA XY1, Control DNA XX, DNA Size Standard 550 (BTO), allelic ladder Argus Y-12 QS, and nuclease-free water	383615
Investigator Argus Y-12 QS Kit (400)	Primer mix including an internal control (QS), reaction mix, Control DNA XY1, Control DNA XX, DNA Size Standard 550 (BTO), allelic ladder Argus Y-12 QS, and nuclease-free water	383617
50 µl Conductive Filtered Tips	Carbon-impregnated conductive tips (960 tips) for use with liquid-level sensing; tips contain high-set filters; for use with Adapter, Tip Rack Holder (cat. no. 9018949)	990512
200 µl Conductive Filtered Tips	Carbon-impregnated conductive tips (960 tips) for use with liquid-level sensing; tips contain high-set filters; for use with Adapter, Tip Rack Holder (cat. no. 9018949)	990522
Tip Receptacle Box	Box of 10; waste collection box to fit tip ejector chute; fold-up design	990550

The Investigator Argus Y-12 QS Kit is not available in all countries; please inquire.

Additional ordering information

Hi-Di Formamide, cat. no. 4311320 (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)

MicroAmp Optical 96-Well Reaction Plate, cat. no. 4316813 (www.appliedbiosystems.com)

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.

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Sample & Assay Technologies