



FluoGene Automation

Flexible HLA-, RBC- and HPA-genotyping

DNA - extraction

BEXS12 – Automated whole blood DNA-extraction

- Extraction via magnetic beads
- 12 samples parallel in only 40 minutes
- Only 250 µl starting material per sample
- Ideal result: 5-10 µg with a purity value of ~ 1.8 (A260/A280)
- LIMS compatible export allows seamless documentation
- Multiple applications:
e. g. can also be used for viral DNA/RNA extraction



PCR setup < 5 min*

Manually or automated:

VIAFLO ASSIST & ASSIST PLUS

- System from INTEGRA biosciences
- VIAFLO pipette can be used manually
- Pipetting of complete PCR plates in < 5 minutes

Opentrons OT-2

- System from Opentrons
- Flexible pipetting robot for all applications
- Pipetting protocols for inno-train kits available

Contact us, we would be happy to assist you!

* with VIAFLO ASSIST

Real-time PCR

FluoQube + FluoQube³⁸⁴ – The smart real-time PCR

- Typing results in < 1 h
- 96- or 384- well block
- Space saving footprint of 27 cm x 27 cm (10.8 " x 10.8 ")
- Open system for any real-time PCR application
- Patented 6-color filter module
- Ten years optical warranty



Analysis

FluoGene software – The new generation of analysis

- Automated data import into the FluoGene software
- Calculation of typing results within seconds
- Barcoded plates minimise risk of confusion
- Interpretation of results by the user is supported by many options
- Eurotransplant compliant HML Export
- LIMS compatible export of results
- Two step GDP compliant validation



Automation from inno-train

- CE labeled hardware, kits and software all from one manufacturer
- Time to get a typing result without DNA-Extraction: < 1 h
with DNA-Extraction: < 2 h
- Low DNA consumption:
e. g. 0.4 µg per HLA-FluoGene^{NX} ABCDRDQ typing
- Minimal hands-on-time
- No risk for post-PCR contamination
- Same procedure for HLA, RBC and HPA genotyping

Ordering information

Articel no.	Product
GX01050	BEXS12: Magnetic Bead Extraction System
005 010 001	FluoQube
005 010 000	FluoQube system: FluoQube real-time device incl. computer system and control software
005 010 002	FluoQube ³⁸⁴
005 010 384	FluoQube ³⁸⁴ system: FluoQube real-time device incl. computer system and control software
006 010 003S	FluoGene software: Typing software



For USA and Canada:
For Research Use Only.
Not for use in diagnostic procedures.

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