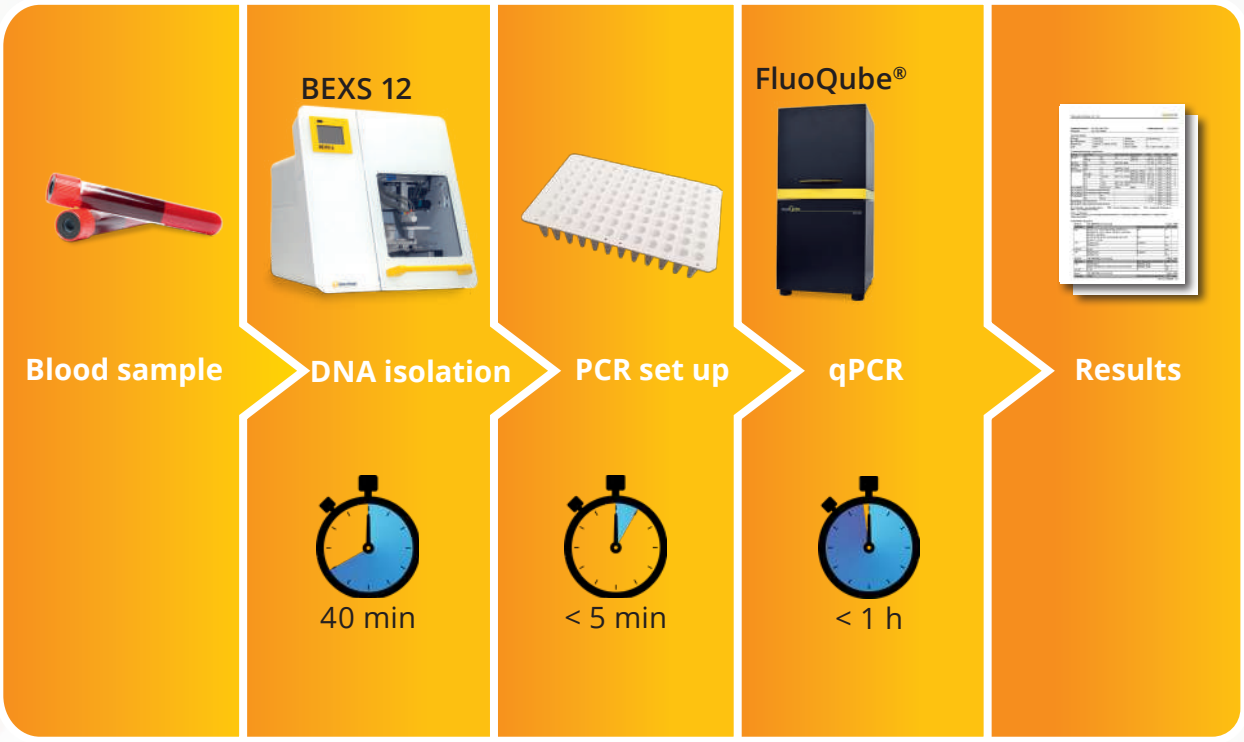
inno-train
DIAGNOSTIK



HLA-FluoGene®

Real-time detection
for the perfect match

HLA-FluoGene workflow



Meet the FluoQube® Real-time system

The FluoQube and FluoQube^{384} systems are suited for any real-time PCR application.

The FluoQube real-time PCR instruments meet the highest accuracy standards for performing any qPCR application. FluoQube® real-time system include a PC with the pre-installed device control software.

	FluoQube	FluoQube^{384}
Control software	qPCRsoft	qPCRsoft384
Sample block	gold-plated silver	alluminium, special alloy
Block capacity	96 wells	384 wells
Heating	8 °C/s	4 °C/s
Cooling	6 °C/s	2 °C/s
Color filters	4 pre-installed modules (extendable to 6)	
Temperature uniformity	± 0,15 °C at 55 °C after 15 s	
Temperature control accuracy	± 0,1 °C	
Dimensions (L x W x H)	27.5 cm x 27.5 cm x 59 cm 10.8“ x 10.8“ x 23.2“	

HLA-FluoGene^{NX} Match and HLA-FluoGene^{384} Match: the new generation

NEW

Highest resolution in only 192 wells

- 11 HLA loci with single antigen bead resolution in 96-well or 384-well format requires only 1 µg DNA
- Detection of all common and intermediate null alleles (3.0.0 CIWD)
- Resolves all CIWD common ambiguities >2%
- Resolves further ambiguities:

Resolution of serological ambiguities			Resolution of C/WD ambiguities		
B*14:02 (B65(14))	/	*14:03 (B14)	A*26:13	/	*66:01:01:01
B*15:09 (B70)	/	*15:10,18 (B71(70))	C*05:01	/	*08:10
B*15:29 (B15)	/	*15:37 (B70)	C*12:09	/	*16:01:01:01
B*15:52 (B15)	/	*15:37 (B70)	DPB1*05:01	/	*38:01
B*35:21 (-)	/	*35:01,03 (B35)	DPB1*03:01, *78:01	/	*78:01, *78:01
B*39:01:01:01 (B3901)	/	*39:05:01:01 (B39)	DPB1*03:01, *03:01	/	*03:01, *78:01
B*51:02 (B5102)	/	*diverse (e.g. *51:01 (B51))	DPB1*03:01, *03:01	/	*03:01, *104:01
B*diverse (Bw6 pos.)	/	*46,*73	DPB1*03:01, *104:01	/	*104:01, *104:01
C*03:04,06 (Cw10)	/	*03:05 (-)			
C*04:03 (-)	/	*04:01 (Cw4)			
DRB1*14:04 (DR1404)	/	*14:08,10,11 ((DR14(16))			

Speed

- 11 HLA loci typing of 2 patients in less then 60 minutes

Flexibility

- 11 HLA loci typing with 1 or 2 patients on one 384-well plate is possible
- Typing in SABR resolution in 384- as well as 96-well format
- Option to display results based on 3.0.0 CIWD or 2.0.0 CWD

Customer focus

- Product design in collaboration with customers
- inno-train is your single source for instruments, testings kits, laboratory needs, & full service/support

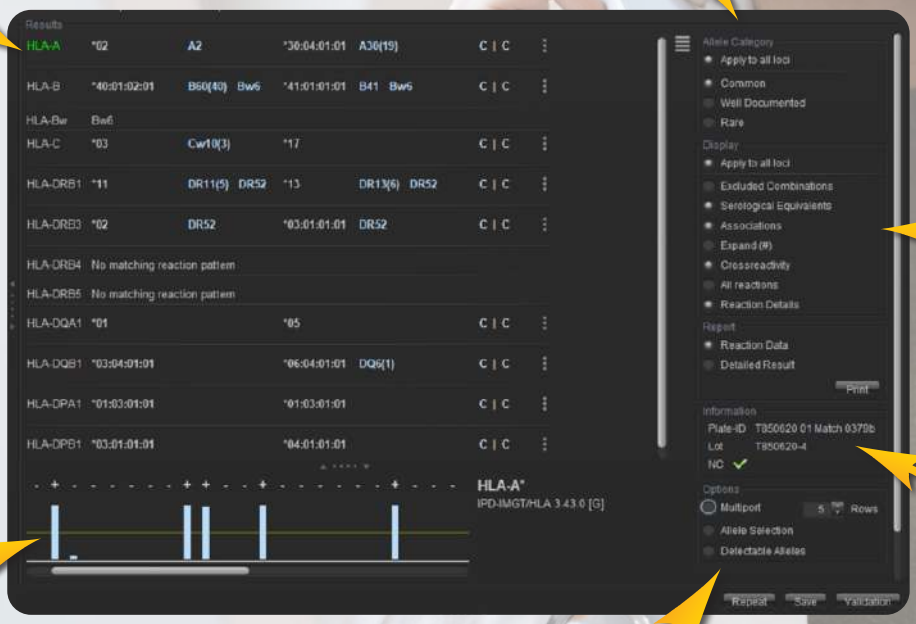
FluoGene® Software

Easy to use and highly precise diagnostics

Measured raw data is automatically imported into the FluoGene® Software and a typing result is calculated. This simplifies the workflow and avoids any data transfer errors. FluoGene® plates are labeled with a unique barcode, to maximize efficiency and eliminate transcription errors.

The analysis software includes a multitude of options for complete evaluation of test results. Result validation is a two step GDP compliant process.

FluoGene® software provides customizable results and reports based on specific laboratory needs as well as a LIMS compatible export. Additionally, an export as an HML file allows the automatic transfer of the results to Eurotransplant. NEW



Your advantages with inno-train

IVD CE marked hardware, test assays, and software all from one manufacturer.

- **Save valuable working time**:
  - Automated genotyping: < 1 hour
  - Minimal hands-on Time: < 5 minutes
- Well established **TaqMan®** technique
- **Low DNA usage** (e. g. 1 µg per 11 HLA loci with HLA-FluoGene Match)
- **Ready-to-use kits** consist of:
  - FluoMix (incl. Taq)
  - PCR plates (incl. dried primer/probe mixes)
  - Optical clear sheets
- **Highest safety measures**:
  - Barcoded tests
  - Closed system
- **Flexibilty**:
  - FluoQube®: High-performance real-time PCR in 96-well- & 384-well format
  - NEW Available now in the 384-well format: 1 test/plate or 2 tests/plate
  - HLA-FluoGene® Q: for use on any real-time PCR cycler
  - Large portfolio of kits: from single HLA locus up to 11-HLA-loci test assays
  - Same system for HLA, RBC, and HPA
- User-friendly **software** with fully automated calculation of results
- Automatic **data transfer**
- Eurotransplant compliant **HML Export**
- LIMS compatible export of results



Order information

HLA-FluoGene^{NX}

• HLA-FluoGene^{384} Match	Article no.: 002 085 010	10 tests/kit 1 test/plate	384-well format
• HLA-FluoGene^{384} Match	Article no.: 002 085 020	10 tests/kit 2 tests/plate	384-well format
• HLA-FluoGene^{NX} Match	Article no.: 002 083 005	5 tests/kit	96-well format
• HLA-FluoGene® B	Article no.: 002 071 010/20	10 or 20 tests/kit	
• HLA-FluoGene® ABDR	Article no.: 002 074 010	10 tests/kit	
• HLA-FluoGene® DRDQDP plus	Article no.: 002 081 010	10 tests/kit	

HLA-FluoGene®

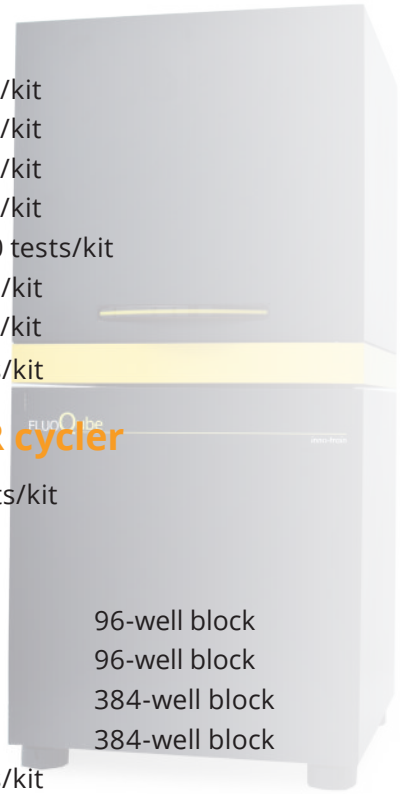
• HLA-FluoGene® A	Article no.: 002 070 010	10 tests/kit
• HLA-FluoGene® C	Article no.: 002 072 010	10 tests/kit
• HLA-FluoGene® ABC	Article no.: 002 073 010	10 tests/kit
• HLA-FluoGene® DPB1	Article no.: 002 079 010	10 tests/kit
• HLA-FluoGene® DRDQ	Article no.: 002 077 010/30	10 or 30 tests/kit
• HLA-FluoGene® DRDQ plus	Article no.: 002 084 020	20 tests/kit
• HLA-FluoGene^{NX} ABCDRDQ	Article no.: 002 083 005	10 tests/kit
• HLA-FluoGene® B27	Article no.: 002 078 048	48 tests/kit

HLA-FluoGene® Q – liquid mixes for all real-time PCR cycler

• HLA-FluoGene® B27 Q	Article no.: 002 078 00Q	100 tests/kit

Instruments, software and accessories

• FluoQube®	Article no.: 005 010 001	96-well block
• FluoQube® System	Article no.: 005 010 000	96-well block
• FluoQube® 384	Article no.: 005 010 002	384-well block
• FluoQube® 384 System	Article no.: 005 010 384	384-well block
• FluoGene® Wipe Test	Article no.: 002 07W T96	48 tests/kit
• FluoGene® Software	Article no.: 006 010 003S	



QMS 08.23

inno-train DIAGNOSTIK

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

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