



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 



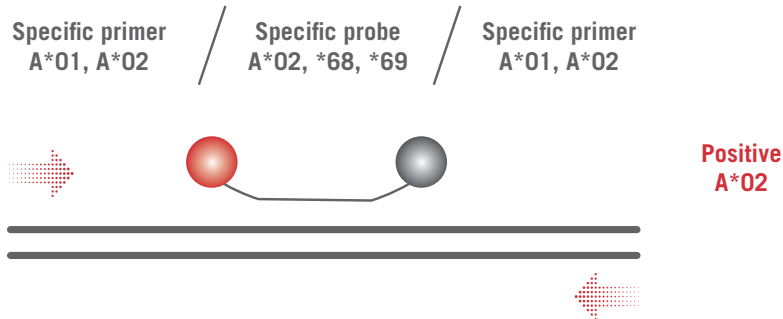
Leslie M.,
Kidney Transplant Recipient

Speed and Precision in Real Time

- **Fast**
HLA typing in less than 1 hour
and <10 mins of hands-on time
- **High robustness**
Each allele covered by multiple
reactions
- **Enhanced resolution**
Sequence-specific detection
and multiplexing
- **Seamless**
Single-step setup and easy analysis

Enhanced assay resolution due to probe design and real-time monitoring

TaqMan™-based qPCR technology

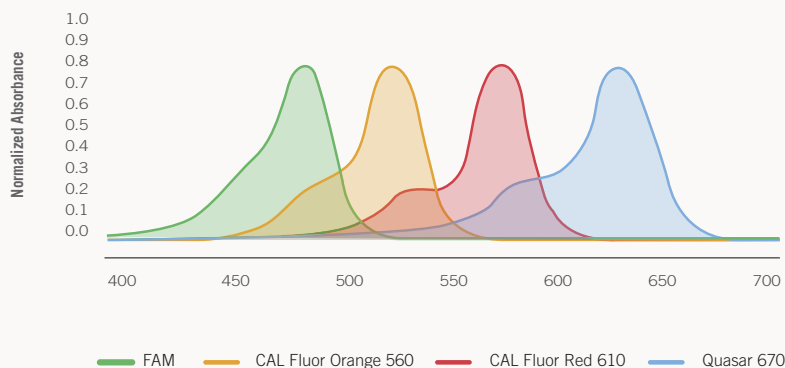


QTYPE 11 utilizes **primer and probe combinations** to enhance resolution

Specificity provided by primers and sequence-specific TaqMan probes, i.e. dual control of specificity

No need for additional verification steps (e.g. melt curve analysis)

Absorption Spectra



Flexible multiplexing for increased resolution

- **Future-proof design.** Currently 65% of plate capacity is used – additional space can be used to increase resolution
- **Two channels are used for HLA-specific reactions-class I/II**, one channel for an **internal amplification control** and one channel for **reference dye**
- Reaction is **monitored in real time**, which allows for **increased resolution**

QTYPE 11 Highlights:

- **Single test for 11 loci:** HLA-A, B, C, DRB1, DRB3,4,5, DQA1, DQB1, DPA1, DPB1
- **Low to intermediate resolution**
 - Covers all alleles from the database used in design
 - Resolves key antigens relevant for transplantation (at 96%)
 - Direct to high resolution for DPB1 CWDs
- **No duplicate reactions** - all alleles covered at least twice in different reactions (functional redundancy)

Instrumentation

LightCycler 480 II



ViiA-7



QuantStudio 6 Flex



QuantStudio Dx



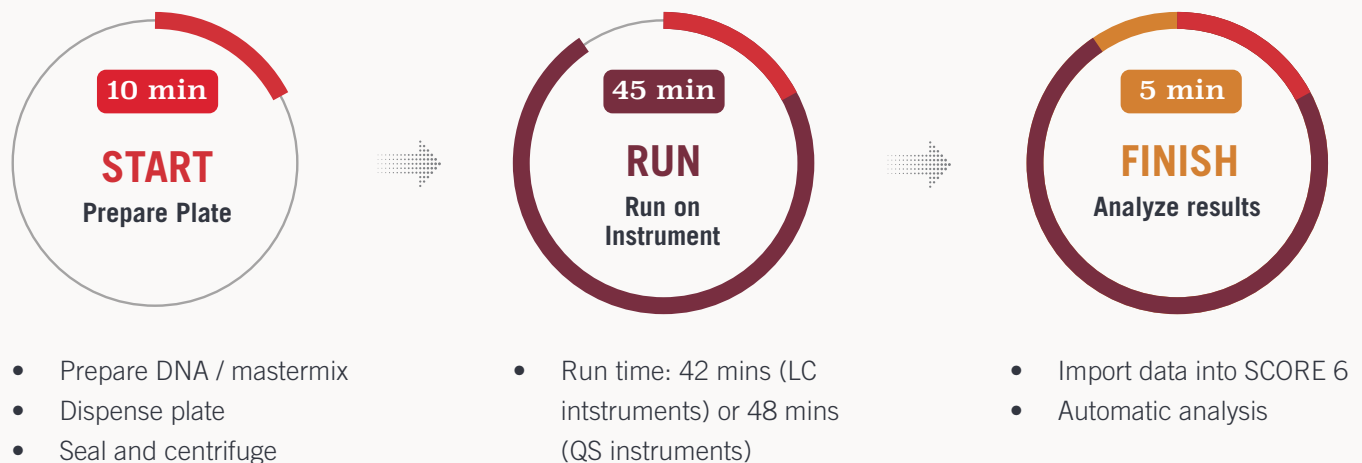
QuantStudio 7 Flex



Run color compensation (CC) plate to determine spectral overlap between channels with each lot change and after each preventive maintenance

Simple and rapid workflow: HLA typing within an hour

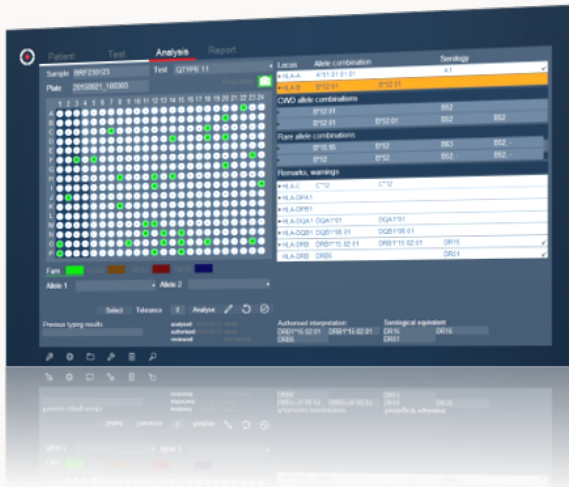
QTYPE 11 plates can be set up in batches and stored in the refrigerator before performing the real time PCR run



QTYPE 11 Kit Overview:

- **384 well plate with predisposed, dried reaction mixes**
 - Each well contains at least one HLA reaction and an internal amplification control reaction
 - Each reaction consists of at least two SSP primers and a TaqMan probe
- **Ready to use, single run aliquot of master mix**
 - Complete with polymerase, dNTPs, buffer, etc.
- **Optically clear sealing sheets**

SCORE 6 provides fast results with automated analysis



Seamless analysis

Simple workflow to import and analyze QTYPE 11 data.
Results are calculated automatically, which allows for objective analysis.

Transparency of results

Virtual plate view, allowing to look up any of the real time data generated by the reactions.
Easy to view all result combinations.

Convenience

Easy to learn and access.
Ability to run two versions of SCORE 6 for validation.

Safety

Several user groups with different permission level.
Can maintain two SQL server databases, which can be backed up and restored.

PRODUCT	PRODUCT NUMBER	DESCRIPTION
201.701-03	Olerup QTYPE 11 kit	3
201.701-10	Olerup QTYPE 11 kit	10
PRODUCT	PRODUCT NUMBER	DESCRIPTION
203.501-01	Color Compensation Calibration Plate	1
203.502-10	Optically-clear PCR sealing sheets	10

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Olerup Qtype 11 and the SCORE 6 are available as CE/IVD and research use only products.

For local regulatory status, please contact CareDx. Olerup QTYPE 11 is referred to as QTYPE 11 here.

Visit www.caredx.com/qtype for more information.

For inquiries, contact your CareDx representative or reach out to us:

Americas – orders-US@caredx.com

EMEA – orders-se@caredx.com

APAC – orders-aus@caredx.com

