Sanger Sequencing-Based HLA Typing Reagents and Software



GENDX SBTexcellerator® SBTengine®

GENDX SBTexcellerator[®] Sanger SBT HLA typing reagents

Our trusted kits and the clear and proven protocols will assist you in easy HLA typing. With the flexible kit design, integration in your laboratory is easy and our kits are platform independent.

A B C DRB1 DRB3/4/5 DQA1 DQB1 DPA1 DPB1 G

SBTexcellerator[®] provides you with a wide range of optimised reagents for Sanger Sequencing-Based HLA Typing (SBT).

Single amplification PCR

A single PCR amplifies all relevant exons of a HLA locus. Primers anneal in non-coding regions resulting in complete exon readability.

Superb exon coverage

Our sequencing approach has the widest coverage in the market. Our sequencing primers cover not just the core exons but go the needed 'extra mile' for you.

Excellent support

Ask our technical support team for more information. support@gendx.com, or go to www.gendx.com

Principle





Amplification

Exons are amplified in a single reaction with a forward and reverse primer using QIAGEN LongRange polymerase.

Sequencing

In the core SBTexcellerator[®] kit exons 2, 3 (class II) and 4 (class I) are sequenced by both a forward and a reverse primer.

GSSPs

Resolve remaining ambiguities with GSSPs (Group-Specific Sequencing Primers) recommended by SBTengine® software.

Extended sequencing

The SBTexcellerator[®] extended kit provides you with sequencing primers for additional exon sequencing.

GENDXSBTengine Banger SBT HLA typing software

Since 2004 SBTengine[®] has supported tissue typing laboratories worldwide with their Sanger Sequencing-Based Typing of HLA genes. SBTengine's user-friendly interface is well-known for its unsurpassed accuracy, versatility and speed, which render it the leading software solution in the HLA field.

Start effortless powerful HLA typing today, with SBTengine[®] software.



GENDX SBTexcellerator®

Available SBTexcellerator[®] reagents

Reagents are split in 2 kits: Core and Extended, which together make a Full set. All variants contain reagents for 50 reactions.

- Core kit: Amplification primers and sequencing primers for sequencing of the essential exons 2, 3 & 4 (class I) and exon 2 (class II).
- Extended kit: Sequencing primers for additional exon regions and multiple GSSPs to resolve allele and genotype ambiguities.

RUO and CE/IVD

SBTexcellerator® reagents are available as CE/IVD or Research Use Only (RUO).

Full set: Core kit & Extended kit.



SBTengine

Licensing SBTengine®

Upon activation, the SBTengine[®] license is linked to the hardware of the computer. It supports multiple users on a single computer. A license can only be activated on a single computer.

Trial license

Put our software to the test in your own laboratory with your own data.

Request a trial license via www.gendx.com

Updating

SBTengine[®] is regularly updated to include the newest IMGT/HLA database, enhance functionality and improve easy of use.



How to order?

Contact GenDx directly by email info@gendx.com, phone +31 (0)30 252 3799 or via our website www.gendx.com. For information about pricing, time of delivery and availability.

Local distribution

Check www.gendx.com to find your local distributor. Worldwide we are supported by our HLA-specialised distributors.

Laboratory service

Make use of our unsurpassed expertise in the field of high-resolution Sequencing-Based Typing of HLA genes and our ISO13485 certified laboratory for custom service work. Outsource your HLA typing for diagnostics, registry typing, new allele validation and fundamental research.

Training School

New to HLA typing or like to get a refresher course? Join one of our annual Training Schools just before the start of the annual meetings of ASHI or EFI. For a real hands-on laboratory experience with Sequencing-Based Typing join our Training School in Utrecht.

Distribuido por:

