

## NEW: NGSgo®-MX6-1

# GENDX

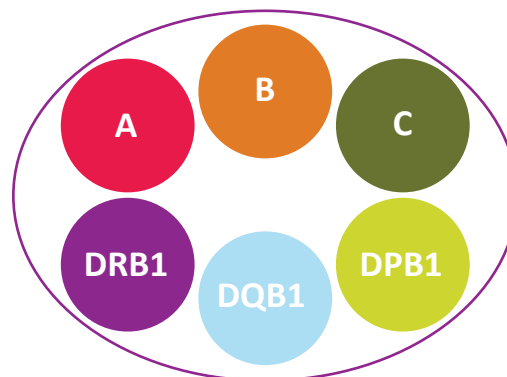
### Speed up your workflow with our six-loci multiplex

Get your NGS HLA typing results faster by using our newly developed multiplexed amplification NGSgo-MX6-1. Primers are blended together in one tube for the amplification of HLA-A, HLA-B, HLA-C, HLA-DRB1, HLA-DQB1, and HLA-DPB1. One amplification, six loci. Think of all the time you will save!

#### No compromises on robustness

Your NGS HLA typing workflow will be shortened and simplified, while you maintain the highly reliable results you are used to. Our NGSgo primer design has been fine-tuned and optimized for over a decade to achieve the robustness that people know and love today. For our multiplex amplification we demanded the same precision, therefore no compromises have been made on the primer design. Instead we optimized our protocol and reaction mix to achieve a robust multiplex PCR.

Six loci in the NGSgo-MX6-1 multiplex



#### Full flexibility

Next to our six-loci multiplex amplification, we continue to offer single-locus amplifications. Together, these options offer you full flexibility for typing any number and combination of loci you are interested in. We are also expecting to release a multiplexed amplification product featuring eleven loci, which is now in development.

The 1.5 day workflow, including sequencing and analysis



#### Ready-to-go mastermix for amplification

The multiplex approach also includes the newly developed GenDx-LongMix polymerase in a ready-to-use mastermix format, containing polymerase, dNTPs, and buffer all in one tube. You just combine the multiplexed primers, LongMix mastermix, DNA sample, and water. Run on your thermal cycler and three hours later the amplicons are ready for library preparation. Amplification has never been easier.

#### Towards a one-day workflow

We are continuously striving to improve our NGSgo workflow, both in terms of robustness and speed. At the moment we are evaluating the modification of several steps of the NGSgo workflow, in order to make the workflow faster. Our experienced and dedicated team is making progress rapidly, and we are now in the process of evaluating a 1.5 day set-up, which includes sequencing and analysis. Following this, we are confident that the one-day workflow will be realized soon, offering great improvements in turnaround times for HLA labs around the world.