

# TYPING PROFILE

(VIA NEXT GENERATION SEQUENCING (NGS))

## BENEFIT

- high quantities processed with NGS HLA typing
- high quality - ASHI and EFI certified lab
- cost effective

## FEATURES

The DKMS Life Science Lab is one of the largest and most advanced genotyping service providers in the world. We have produced a large volume of high resolution, sequence based HLA typing on our NGS platform for registries since 2013. Our knowledge and experience with more than one million HLA typings makes us an ideal partner.

## RESULTS

Choose between two different HLA typing profiles:

Basic Profile

- HLA-class I (-A, -B, -C)
- HLA-class II (-DRB1, -DQB1, -DPB1)
- high resolution (>99%)

Extended Profile

- basic profile +
- blood group (ABO, Rh)
- CCR5 $\Delta$ 32
- CMV
- Results available within 30 days for both profiles
- Full length HLA gene characterisation

In addition to our short amplicon-based NGS approach to processing high quantities of HLA analyses, we have developed whole gene assays to sequence the HLA loci -A, -B, -C, -DQB1 from 5' to 3' UTR. We provide characterisation and submission of dual redundant sequence alleles using automated methods for the submission of new alleles to the IMGT/HLA database.

**For further information, please contact us at:**

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