

NGS-PRONTO® HIGH-RESOLUTION NANOPORE HLA TYPING



experts in transplant diagnostics

Oxford Nanopore Sequencing

11 loci whole gene

4 to 96 samples per run

Amplification & library preparation

THE FUTURE OF NANOPORE HLA TYPING

12 samples DNA to results in less than 8 hours



4-96 samples per run



DNA to result in < 8 hours for 12 samples



11 loci



No fragmentation, full phasing



High gene coverage



Short & simple workflow



All incubations at room temperature



Long-read sequencing



Dedicated software NGSengine-Turbo



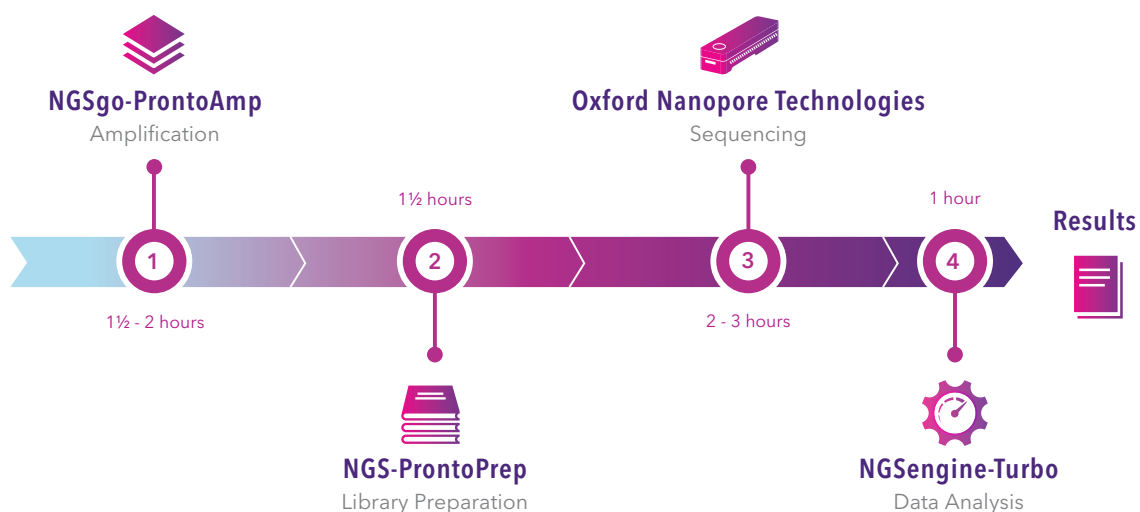
Low equipment cost

Discover our next-level innovation in HLA typing, specifically designed for use with Oxford Nanopore Technologies sequencing devices.

NGS-Pronto offers:

- Easy-to-use amplification and library preparation reagents
- 96 unique barcodes
- An efficient workflow designed for speed and accuracy

NGS-Pronto delivers precise and reliable results, setting a new standard in high-resolution HLA typing.



Turnaround time from DNA to results for 12 samples

AMPLIFICATION & LIBRARY PREPARATION MADE SIMPLE

Amplification

NGSgo-ProntoAmp offers amplification of 11 HLA loci using a whole-gene approach, resulting in at least a 3 field resolution.

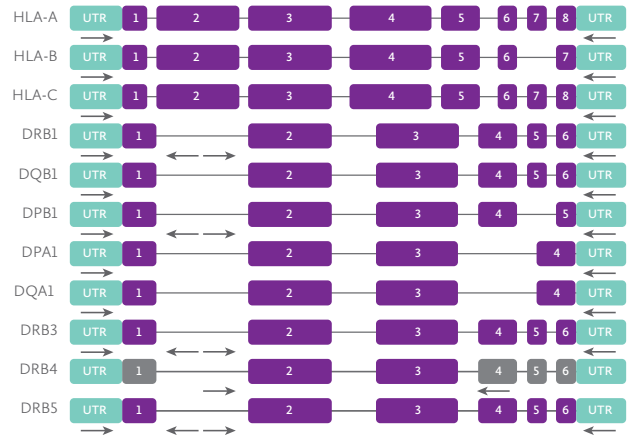
Library Preparation

NGS-ProntoPrep offers a complete barcoded library preparation for sequencing on Oxford Nanopore Technologies devices. The procedure only takes 1.5-2 hours and is suitable for 4 to 96 samples. Since there is no fragmentation, long intact amplicons are generated that enable full phasing.

Library preparation is performed at room temperature, allowing for a flexible workflow.



NGS-Pronto® complete kit



NGSgo®-ProntoAmp offers a whole gene approach

FAST & AFFORDABLE NANOPORE SEQUENCING

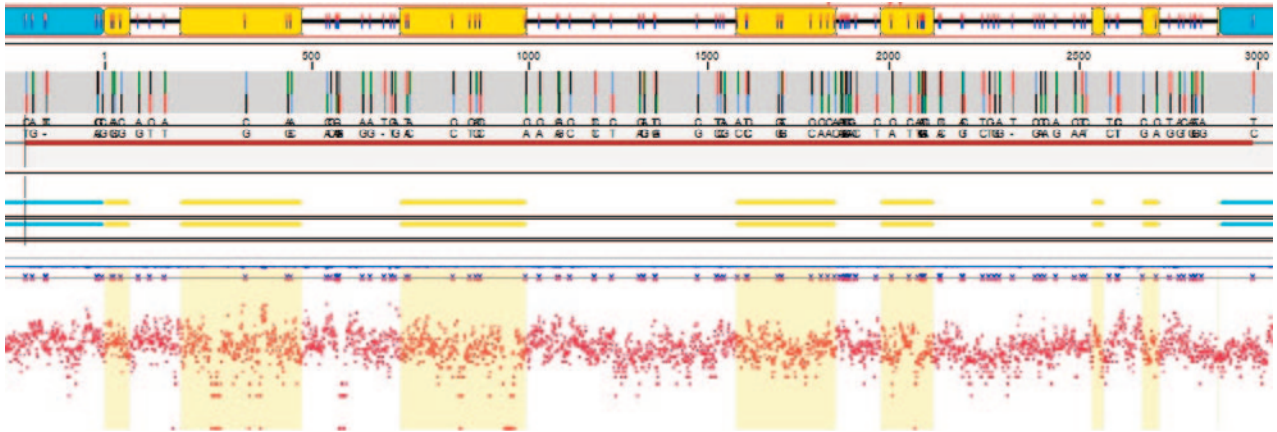
NGS-Pronto is compatible with R10.4.1 flow cells and can be sequenced on MinION Mk1B and GridION sequencers from Oxford Nanopore Technologies, delivering rapid results in as little as 15 minutes per sample.



MinION Flow Cell

DATA ANALYSIS IN MINUTES

Streamline your analysis with NGSengine-Turbo, our user-friendly software tailored for Oxford Nanopore Technologies data. With a fast analysis time of approximately 5 minutes per sample, you'll quickly have the results you need.



Representative data analyzed by NGSengine-Turbo

CHALLENGE US WITH YOUR QUESTIONS

Our Support team can assist you with product questions, practical matters, data interpretation, and more.

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