

NGS-Pronto[®]

High-resolution
nanopore HLA typing

Oxford Nanopore Sequencing

11 loci whole gene

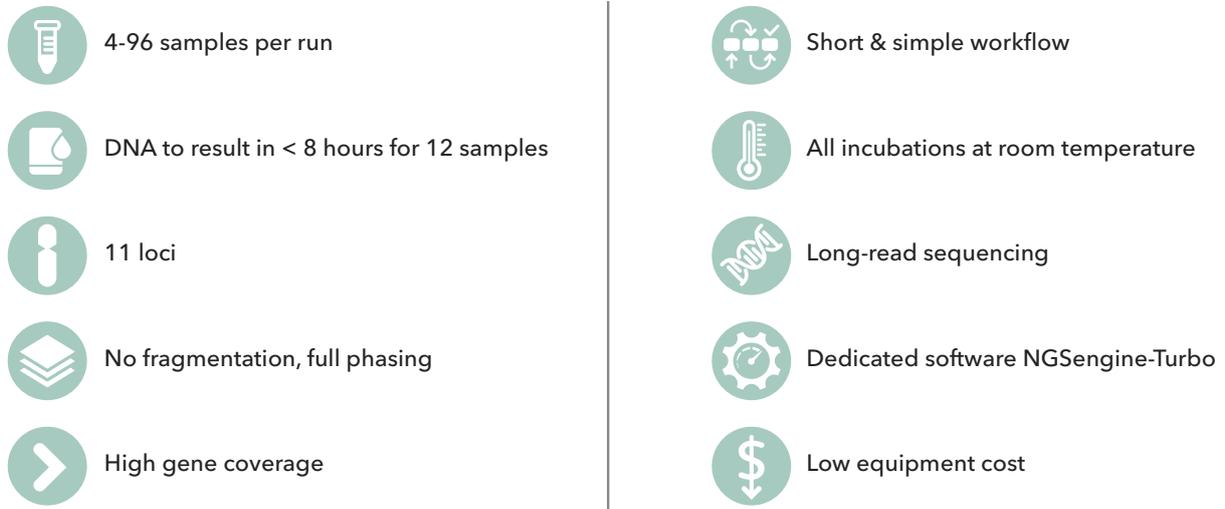
4 to 96 samples per run

Amplification & library preparation



THE FUTURE OF NANOPORE HLA TYPING

12 samples DNA to results in less than 8 hours

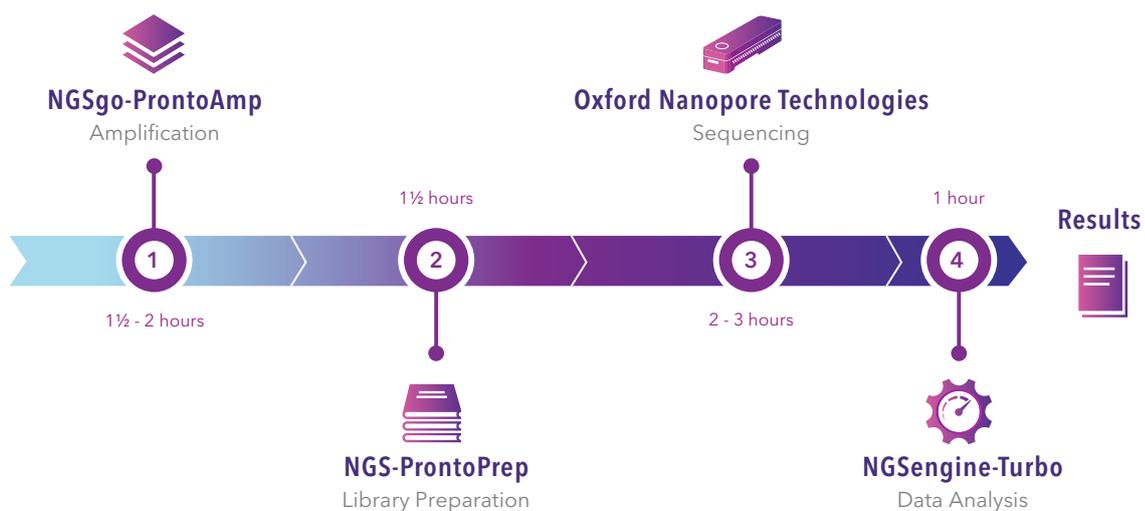


Discover our next-level innovation in HLA typing, specifically designed for use with Oxford Nanopore Technologies sequencing devices.

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

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

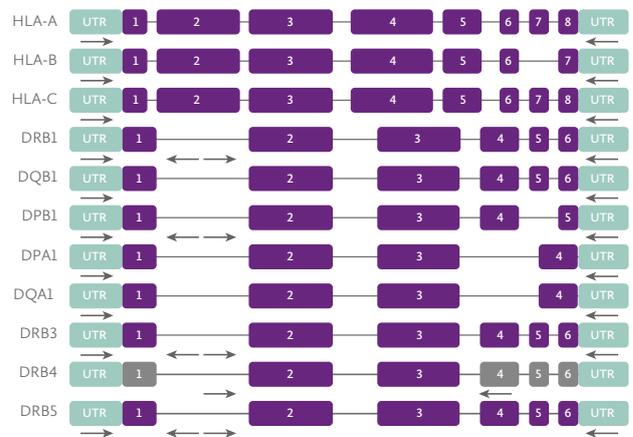
Library Preparation

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

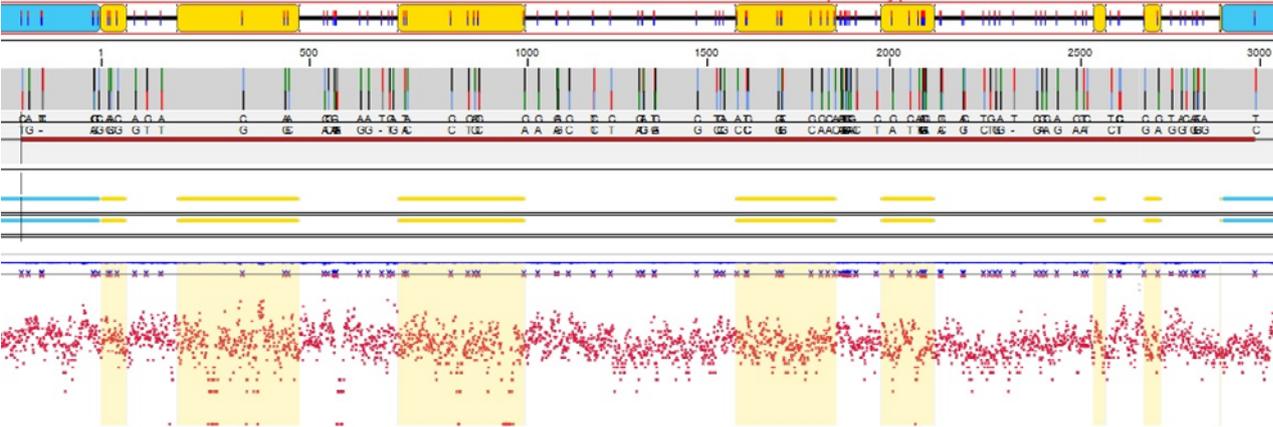
NGS-Pronto is compatible with R10.4.1 flow cells and can be sequenced on MinION Mk1B and GridION sequencers from Oxford Nanopore Technologies, delivering rapid results in as little as 10 to 15 minutes per sample.



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 support@gendx.com

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