



Min**ION** Mk 1B

Quick start guide

This Quick start guide contains everything you need to install your MinION™ Mk1B and to check that the device is ready for use.

This guide will enable you to:

- Set up the MinION Mk1B device and install the MinKNOW™ operating software
- Run a control experiment
- Plan and optimise your future experiments

Pre-installation

Before using the device, the following should be available:



Computer that meets the minimum specifications

community.nanoporetech.com/to/minion-it



Laboratory equipment and consumables

community.nanoporetech.com/to/minion-lab

What's in the box:



MinION Mk1B



Configuration
Test Cell



USB 3.0 cable

1

Set up your device



community.nanoporetech.com/to/minion-start

1. Select the **step-by-step guide** for your sequencing kit
2. Follow the **on-screen instructions** to:



Install the software
for sequencing



Check your
hardware



Prepare a control
DNA/RNA library



Sequence
your sample



Use flow cells within 12 (MinION) or 4 (Flongle™) weeks of delivery (see Storage and warranty).

2

Discover the **Nanopore Community**



community.nanoporetech.com

Ensure the **success** of your nanopore sequencing project and **stay up-to-date** with the latest technology and **protocol updates**



3

Plan your experiment



community.nanoporetech.com/to/protocol-builder

Design your **end-to-end sequencing workflow**



Sample
extraction



Library prep



Sequencing



Real-time
analysis

4

Recycle used flow cells



community.nanoporetech.com/support/returns

MinION Flow Cells contain finite materials that can be recycled. Oxford Nanopore is committed to environmental sustainability and will responsibly recycle all used flow cells.



Additional information



Storage and warranty

MinION Flow Cells: use within 12 weeks of receipt. Store (in original foil packaging) in a cool dry place for 1 month or at 2–8°C for up to 12 weeks. MinION device: store at room temperature (18–25°C). Flow cell warranty: community.nanoporetech.com/to/warranty



Safety information

Ensure you have reviewed the MinION Mk1B Safety information sheet before using the device: community.nanoporetech.com/to/safety



Support

For all your support requirements — from device set up to protocol optimisation — visit the Nanopore Community at: community.nanoporetech.com/support

Oxford Nanopore Technologies

phone +44 (0)845 034 7900

email sales@nanoporetech.com

twitter @nanopore

www.nanoporetech.com

Oxford Nanopore Technologies, the Wheel icon, MinION, Flongle, and MinKNOW are registered trademarks of Oxford Nanopore Technologies in various countries. © 2020 Oxford Nanopore Technologies.

All rights reserved. Oxford Nanopore Technologies products are currently for research use only.

ONT-08-00614-00-01. BR_1054(EN)_V1_20Jan2020