

# Genexus™ GX5™ Starter Pack-HD

Catalog Number A40280

Pub. No. MAN0017914 Rev. B.0

**Note:** For safety and biohazard guidelines, see the “Safety” appendix in the *Genexus™ Integrated Sequencer User Guide* (Pub. No. MAN0017910). Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves.

## Product description

The Ion Torrent™ Genexus™ GX5™ Starter Pack-HD for Ion AmpliSeq™ HD panels provides one set of all core consumables required to run the Genexus™ Integrated Sequencer. This starter pack supports flexible, fully automated preparation and normalization for up to 32 Ion AmpliSeq™ HD libraries, as well as sequencing for up to eight chip lanes (two full chips). The GX5™ Chip and Genexus™ Coupler (Cat. No. A40269) are used in combination with this starter pack, and must be ordered separately.

**Note:** Genexus™ Strip 1, Genexus™ Strip 2-HD, Genexus™ Strip 3-GX5™, and Genexus™ Strip 4 with part numbers listed in the following table are compatible only with Genexus™ Software 6.2.0 and later.

## Contents and storage

Component	Part or Cat. No.	Quantity	Storage
Genexus™ Strip 1	A46812	8 strips	2°C to 8°C
Genexus™ Strip 2-HD	A46814	8 strips	-30°C to -10°C
Genexus™ Strip 3-GX5™	A46815	8 strips	2°C to 8°C
Genexus™ Strip 4	A46816	8 strips	-30°C to -10°C
Genexus™ Barcodes 1–32 HD	A40261	1 plate	15°C to 30°C
Genexus™ Pipette Tips	A40266	12 racks	
Genexus™ Cartridge	A40272	2 cartridges	-30°C to -10°C
Genexus™ Bottle 2	A40273	4 bottles	15°C to 30°C
Genexus™ Bottles 1 and 3	A40274	2 bottles each	

### Note:

- Genexus™ Barcodes 1–32 HD and Genexus™ Pipette Tips are also orderable individually using the catalog numbers listed.
- Library and template strips are orderable separately in paired sets as Genexus™ Library Strips 1 and 2-HD (Cat. No. A40255) and Genexus™ Templating Strips 3 and 4-GX5™ (Cat. No. A40263).
- The Genexus™ Cartridge, Genexus™ Bottle 2, and Genexus™ Bottles 1 and 3 are orderable as a set in the Genexus™ Sequencing Kit (Cat. No. A40271).
- For custom assays, Genexus™ Primer Pool Tubes (Cat. No. A40262) must be ordered separately.

## Precautions

Handle biological samples and all other materials according to local laboratory guidelines and regulations. Avoid cross-contamination of samples and reagents to ensure quality results.

If equipment or reagents are used in a manner not specified by the manufacturer, the protection provided by the equipment can be impaired.

**IMPORTANT!** Do not substitute components in this kit with components from other Ion Torrent™ templating or sequencing kits. This protocol has been verified using these specific materials. Substitution can adversely affect system performance.

**Note:** Refer to the expiration date on the package label. Do not use products after the expiration date.

## Customer and technical support

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- Product documentation
  - User guides, manuals, and protocols
  - Certificates of Analysis
  - Safety Data Sheets (SDSs; also known as MSDSs)

**Note:** For SDSs for reagents and chemicals from other manufacturers, contact the manufacturer.

## Limited product warranty

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**Revision history:** Pub. No. MAN0017914

Revision	Date	Description
B.0	7 July 2020	Updated Genexus™ reagent strip part numbers
A.0	11 November 2019	New product information sheet for the Genexus™ GX5™ Starter Pack-HD

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