


Ion S5™ Calibration Standard

Catalog Number A27988

Pub. No. MAN0014038 Rev. A.0

Component	Quantity	Volume	Storage
Ion S5™ Calibration Standard	1 tube	80 µL	-30°C to -10°C

 **WARNING!** Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves. Safety Data Sheets (SDSs) are available from thermofisher.com/techresources.

Description

For *de novo* sequencing applications that do not include a reference BAM file, the Ion S5™ Calibration Standard can be added to diluted libraries to increase base-calling accuracy. Add 4 µL of the Ion S5™ Calibration Standard to the amplification solution, and reduce the volume of Nuclease-free Water accordingly. When creating your Planned Run in the Torrent Browser, select **Enable Calibration Standard** from the **Base Calibration Mode** drop-down list in the **Kits** tab.

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 may be impaired.

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

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

Limited product warranty

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- Product documentation, including:
 - 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.

The information in this guide is subject to change without notice.

DISCLAIMER

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