


Anode Buffer Container (ABC) for 3500/3500xL Genetic Analyzers

Catalog Number 4393927

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Cat. no.	Description	Storage conditions
4393927	Anode Buffer Container (ABC) 1X running buffer, 4 containers	Store at 2–8°C. The 1X running buffer has been qualified to ship at ambient conditions. For a description of the qualification, visit lifetechnologies.com/ambientbuffers .

 **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 www.lifetechnologies.com/support.

Product description

The Anode Buffer Container (ABC) contains 1X running buffer for capillary electrophoresis. The ABC is a ready-to-use, disposable container with a radio frequency identification (RFID) tag incorporated into the label. The instrument uses the RFID tag to track buffer usage and expiration.

Expiration date/on-instrument supported limits

The on-instrument life is determined by the limit that is reached first—number of days after first installation, injections performed, or expiry date. Usage is tracked by the system software.

IMPORTANT! The usage limits are determined by the system software. The limits shown below are for Data Collection Software v3.1. If you are running v3.0 or earlier, refer to the user guide provided with the software or instrument.

Instrument	On-instrument supported limits Lower of:	Guidelines
8-capillary	14 days, 240 injections, or expiry date	The buffer has been verified for use for up to 14 days on the instrument. The software displays a warning message when a usage limit is met and allows you to continue running. Before doing so, see “Important notice regarding use of consumables that exceed supported limits” on page 2.
24-capillary	14 days, 100 injections, or expiry date	

Install the anode buffer container (ABC)

1. Check the expiration date on the label to ensure it is not expired and will not expire during use.
2. Allow the refrigerated ABC to equilibrate to room temperature prior to first use. Do not remove the seal until you have completed step 5.
3. Verify that the seal is intact. Do not use if buffer level is too low or seal has been compromised. A fill tolerance of ± 1 mm is acceptable.
4. Invert the ABC, then tilt it slightly to move most of the buffer to the larger side of the container. The smaller side of the container should contain < 1 mL of the buffer.
5. Verify that the buffer is at the fill line.
6. Peel off the seal at the top of the ABC.
7. With the RFID label toward instrument, place the ABC into the anode-end of the instrument, below the pump. Position the anode in the large chamber of the ABC, then push the ABC up and back to install.

IMPORTANT! The RFID label must be facing the instrument (away from you) to ensure that the RFID information is read accurately by the instrument.

8. Close the instrument door to re-initialize.
9. In the Dashboard, click **Refresh**, then check the Quick View section for updated status.

Important notice regarding use of consumables that exceed supported limits

BEFORE DISMISSING THE WARNING THAT THE CONSUMABLES HAVE REACHED SUPPORTED LIMITS AND CONTINUING WITH OPERATION OF THE INSTRUMENT, PLEASE READ AND UNDERSTAND THE FOLLOWING IMPORTANT NOTICE AND INFORMATION:

Life Technologies does not recommend the use of consumables that exceed supported limits. The recommended limits are designed to promote the production of high quality data and minimize instrument downtime. Reagent and consumable lifetime minimum performance are based on testing and studies that use reagents and consumables that have not exceeded supported limits.

The use of consumables beyond the supported limits may impact data quality or cause damage to the instrument or capillary array. The cost of repairing such damage is *NOT* covered by any Life Technologies product warranty or service plan. Customer use of expired consumables is at customer's own risk and without recourse to Life Technologies. For example, product warranties do not apply to defects resulting from or repairs required due to misuse, neglect, or accident including, without limitation, operation outside of the environmental or use specifications or not in conformance with Life Technologies instructions for the instrument system, software, or accessories.

Please see your specific service contract or limited product warranty for exact language regarding coverage and ask your Life Technologies representative if you have further questions.

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