



ADS Refill Running Buffer for AB 3500 Genetic Analyzers

User Manual

Catalog Numbers:

Product	Catalog Number
ADS Refill Running Buffer for AB 3500 Genetic Analyzers with RFID (for software version 1.0)	300001
ADS Refill Running Buffer for 3500 Genetic Analyzers, No RFID (for software version RUO 3.1 and 3.3)	300002

Product description: For AB 3500 Genetic Analyzer users using software version 1.0, the product (Cat. # 300001) provides 1X CE running buffer to replace the expired buffer in the disposable ABI Anode and Cathode Buffer containers. It also comes with new radio frequency identification (RFID) electronic tags to replace the old ABI RFID for monitoring and tracking new buffer usage.

For RUO (Research Use Only) applications with software version 3.1 and 3.3, the product (cat. #300002) is used to refill the used ABI Anode and Cathode Buffer Containers with new buffer. The old ABI RFID tags will still be used and the warning message on screen should be ignored and overruled to run.

Product components: Each product contains 2 bottles of CBC buffer and 1 bottle of ABC buffer, and two (Cat. #300001) RFID tags. There is no RFID tag for Cat. #300002.

Storage conditions: This product should be stored at 2 to 8°C before use.

Shelf life: The shelf life of unopened product is shown on the product label, and the on-instrument life after installation is set by new RFID tags.

Note:

- Check the expiry date before use. Do not use expired products.
- Do not use if the bag is damaged. Take out the buffer bag from the refrigerator in advance. After filling the containers with buffer, equilibrate the buffer to room temperature before use on the instrument.

Running buffer refill procedures:

1. Remove the original Anode Buffer Container (ABC) and Cathode Buffer Container (CBC) from the instrument. Empty the expired buffer in the containers. Remove the original RFID labels outside the containers (for software version before 2.0) or keep the old RFID tag in place (for software version 2.0 or above).



2. Rinse the buffer containers with pure water and air dry (small water droplets left on the inner wall of the container will not affect the product performance); Wipe off any water left outside the containers with a lint-free cloth or tissue.

3. Replace the original ABC and CBC tags with new RFID tags (only for Cat. #300001 on instruments with software version 1.0) or use the old ABI RFID tag (only for Cat. #300002 on instruments with software version 3.1 and 3.3).

4. Fill new buffer into ABC and CBC containers:

- Unscrew the disposable safety cap of the ABC buffer bottle
- Turn the tip down and insert it into the ABC container slot, gently squeeze the packaging bottle, and let the buffer flow out of the tip until the liquid level reaches the Fill line mark on the container wall. (Anode buffer ABC container is divided into two compartments, the smaller one does not need to be filled with buffer)
- Fill two CBC compartments with CBC buffer in the same manner as described above. Note that the tip can only be inserted into the largest hole of compartment B of the CBC container.

5. Wipe off any buffer on the surface of the containers with lint-free tissues and put these buffer containers back onto the instrument. The buffer refilling is completed.