



ADS Refill Running Buffer for AB 3500 Series

User Manual

Catalog Number

Catalog Number	Product Name
305001	ADS Refill Running Buffer for AB 3500 Series with RFID
300000	ADS Refill Running Buffer for AB 3500 Series, No RFID

Product Description

The product (Cat. # 305001) 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, the product (cat. #300000) is used to refill the used ABI Anode and Cathode Buffer Containers with new buffer. The old RFID tags can still be used and the warning message on screen can be ignored to start the run.

Product Components

The product contains 2 bottles of CBC buffer and 1 bottle of ABC buffer with RFID tags for Cat. #305001, with no RFID tag for Cat. #300000.

Product Storage

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

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 Procedure

1. Remove the original Anode Buffer Container (ABC) and Cathode Buffer Container (CBC) from the instrument. Empty the expired buffer in the containers.
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 (for Cat. #305001) or use the old RFID tag (for Cat. #300000 in RUO mode).
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.