

CARE Solution for ABI 310 Analyzer

User's Protocol

Materials & Reagents

1. CARE solution 30 ml
2. POP-4 Polymer
3. Milli-Q Water
4. 1X CE Buffer with EDTA
5. ABI 310 DNA Analyzer

EH&S

Customers performing this procedure must wear a lab coat and gloves. In situation were there might be a chance of an accidental splash to the eyes, safety glasses must be worn.

Procedures

1. Launch the collection software by following all the instructions from 310 user Manual.
2. Open the manual control window.
3. Fill the syringe with CARE solution.
4. Important! Always wear gloves when handling POP-4 and CARE solution!
5. Remove the buffer bottle from the lower block and replace it with an empty bottle. This will collect the CARE solution from the CARE wash.
6. Install new waste tube in position 3.
7. To wash the gel block, set buffer valve in open position and click the syringe down (value 100). You should see the CARE solution move toward the buffer bottle. Fill the syringe with CARE solution and repeat the wash several times.
8. To wash the capillary array, set the buffer valve in close position and click syringe down (100), you should see the CARE solution moving onto waste tube. Repeat the capillary wash several times.

The new POP4 can be installed right away by filing the syringe with POP4.