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## ADS 10x Capillary Electrophoresis Running Buffer User Manual

### Product Catalog numbers:

| Catalog Number | Unit Size |
|----------------|-----------|
| 010025         | 25 mL     |
| 010500         | 500 mL    |

### Product Description:

10X Capillary Electrophoresis (CE) Sequencing Running Buffer is used in CE for both Sanger sequencing and fragment analysis on different genetic analyzers, such as 310, 3100, 3130 series, and 3730 series. The 1X buffer, diluted ten-fold from the 10X buffer, is filled in cathode and anode tanks on the instrument.

### Product Storage:

The Product is shipped with blue ice and should be stored at 4°C after arrival. The 10X CE Running buffer can be stored for up to one year at 4°C. Once it is diluted to 1X running buffer, the solution can be stored at 4°C for one month, or at room temperature for one week.

### Product Usage:

1. Make 1X CE running buffer from the 10X running buffer stock.
2. Fill in the cathode and anode tanks on the instrument with 1X running buffer.
3. Store the remaining 1X running buffer at 4°C for future use.

### Warnings:

1. It is strongly recommended that fresh 1X CE running buffer be used every 48 hours to minimize loss of resolution during electrophoresis.
2. Do not add fresh buffer to old buffer (>48 hours). Discard old buffer or expired buffer.