

5x Sequencing Buffer for SangDye Terminator 3.1

Overview

The 10x CE Sequencing Buffer is compatible with ABI BigDye™ Terminator v3.1 Cycle Sequencing Kit and it can be used on ABI 3730/3730XL DNA analyzers for Sanger sequencing.

The 10x CE Sequencing Buffer is a buffer solution that is used to prepare DNA samples for capillary electrophoresis sequencing analysis. The buffer is designed to provide optimal separation of DNA fragments during electrophoresis, which is essential for accurate and reliable sequencing data.

Some key features and benefits of our 10x CE Sequencing Buffer include:

- ❑ **Consistent performance:** The buffer is formulated to provide consistent performance and reproducible results across different DNA samples and sequencing runs.
- ❑ **Enhanced resolution:** The buffer contains additives that improve the resolution of DNA fragments during electrophoresis, resulting in clearer and more accurate sequencing data.
- ❑ **Compatibility with automated systems:** The buffer is compatible with automated capillary electrophoresis systems, such as the Applied Biosystems 3730xl DNA Analyzer, which allows for high-throughput and efficient sequencing analysis.

It is worth noting that the 10x CE Sequencing Buffer is only one component of the SangDye Terminator 3.1 Cycle Sequencing Kit, and it is used in conjunction with other reagents, including the SangDye Terminator 3.1 mix and DNA primers, to perform the sequencing reaction. Proper use of the entire kit, including appropriate sample preparation, reaction conditions, and analysis protocols is essential to obtain high-quality sequencing data.

