**20X SSPE Buffer, pH 7.4**

**Product Name**  
20X SSPE Buffer, pH 7.4

**Product Code**  
ML055-200ML  
ML055-1L

**Kit Packing**  
200 ml  
1 lt

**Introduction:** 20X SSPE Buffer, pH 7.4, is a concentrated solution of filtered and sterilized saline sodium phosphate EDTA. The supplied 20X solution has to be diluted with deionized water according to the requirement of applications.

**Description:** 20X SSPE is supplied as a concentrated prepared buffer for use in nucleic acid hybridizations and blot transfer applications. SSPE contains EDTA, which is a chelator of divalent metal ions, Mg²⁺, and in turn efficiently inhibits DNase activity that can decrease probe and target DNA concentrations during Southern hybridization.

**Application:** 20X SSPE Buffer is widely used in Northern and Southern blotting experiments. It is used as the hybridization buffer as well as transfer buffer during capillary transfer. This buffer is also used in bacterial screening and hybridization procedure.

**Composition:** 20X SSPE Buffer contains 3.0 M Sodium chloride, 0.2 M Sodium phosphate and 0.02 M EDTA with the pH adjusted to 7.4

**Properties:**
- **Appearance:** Colorless solution
- **Clarity:** Clear and free of particles
- **DNase & RNase:** None detected
- **pH:** 7.3 - 7.5
- **Bioburden:** None detected
- **Suitability test:** This solution has been tested and is suitable for use

**Storage conditions:** 20X SSPE solution has to be stored at room temperature (15 - 25 °C).

**Technical Assistance**
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