

DNA/RNA Gel Loading Buffer, 4x

<http://hk.lumiprobe.com/p/gel-loading-buffer-4x>

4x DNA/RNA Gel Loading Buffer is used to prepare nucleic acid samples for loading into an electrophoresis agarose gel .

The buffer contains Bromophenol Blue and Xylene Cyanol FF dyes and allows monitoring the mobility of the DNA/RNA fragments being analyzed in the gel. In a 1% TAE-agarose gel, the Bromophenol Blue front migrates at the level of nucleic acid fragments approximately 300-400 bp in size, while Xylene Cyanol migrates at approximately 3000-4000 bp.

The buffer also contains EDTA to inhibit metal-dependent nucleases and prevent nucleic acids degradation, and glycerol as a weighting agent to ensure uniform sample loading at the bottom of the gel well.

For use, add 4x DNA/RNA Loading Buffer to the DNA or RNA sample (1/3 of the sample volume), mix, and load into the agarose gel.

外观:

溶解度: 水

质量控制: 功能測試

儲存条件: 接收後12個月在黑暗中-20°C。運輸: 在室溫下最多3週。乾燥。

法律声明: 本產品僅供研究目的提供和銷售。本產品並未經過食品、藥品、醫療器械、化妝品等領域的安全性和效力測試，且未經明示或暗示授權用於其他任何用途，包括但不限於體外診斷、人類或動物用途，以及商業用途。