

Technical Data Sheet



Phosphate Buffered Saline (10X PBS Solution)

(Suitable for cell culture)

Cat #: BF-M-PBS-10X

Description

Phosphate buffered saline (PBS) from MOLEQULE-ON comes as a 10X concentrate. It is filtered through 0.2 µm filter membrane. It has been used as a cell wash solution in human dental pulp stem cells (DPSCs), for perfusion studies in dissected brain samples, as wash solution for neurons culture cells, sample preparation for immunofluorescence and immunocytochemical labeling and also as a wash solution in many different molecular biology procedures.

Working Solution

10X Phosphate Buffered Saline comes in 10X concentration. To make 1X working concentration, mix 100ml of 10X Phosphate Buffered Saline in 900ml of sterile distilled water. In 1X solution, the concentration of phosphate buffer is 0.01M while of sodium chloride is 0.154M. The solution pH will be ~7.2.

Test

Appearance (Turbidity)
Appearance (Color)
Appearance (Form)
pH at 25°C
DNase, Exonuclease
RNase Detection
Protease
Cell Culture Test

Specifications

Clear
Colorless
Solution
7.2 - 7.4
Detection None Detected
None Detected
Detection None Detected
Pass

Storage

Store at 18-25°C

For Laboratory Use Only