



Product Specification

Product Name: **Phosphate Buffered Saline 10X Concentrate**

Product Code: **#PBSC**

Lot Number: 322926

Storage: room/ambient temperature (recommended) or +2°/+8°C; when storing at room temperature avoid longer exposition to the direct sunlight; do not freeze

Expiration date: 07/2023

Appearance: Transparent - to - slightly yellowish liquid, 0.2/0.45µm-filterable, may form precipitate when being stored at lower temperature (precipitate will be dissolved through warming up with mixing)

Odour: Weak, characteristic

Total osmolarity: 1,5+/-0,02 M

pH: 6,7-6,8 (will elevate to 7,3+/-0,1 after diluting 1 to10 with pure deionised water)

Preservative/anti-microbial: 5-Nitro-5-Bromo-1,3-Dioxan (BND), 2500 ppm

QC release: Passed

NOTE: This product is for *in vitro* research or further IVD manufacturing use only.

PBSC is a ten times concentrated Phosphate Buffered Saline.

Mixing 1 Volume of PBSC with 9 Volumes of pure deionised water will produce 10 Volumes of ready-to-use isotonic ~0,15M PBS pH 7,2-7,4 preserved with 250 ppm BND.

Prepared PBS is stable many months when stored at room temperature away from direct light. For longer storage, make sure that only 0,2µm-filtered deionised water is used in preparing PBS.