



## BLR 474

Phosphate buffered saline, isotonic



REF

BLR474.5000 / BLR474.9010

### Description

The product BLR474 is a ready-to-use solution for use in histology and/or cytology. It is a phosphate-buffered, isotonic saline solution with a pH of 7.4 for use as a buffer solution by the professional user. It is provided in a 5-Liter and a 10 Liter-PE-canister with a screw cap.

### Intended use

Ready-to-use solution to be used for storage and rinsing of biological cells and protein samples without affecting their activity and structure.

### Precautions and warnings

Remove desired volume avoiding contamination by using suitable techniques and do not return any volume that once has been removed from the container. Do not use the medium if particulate matter or cloudiness is present. The product is intended for single use only; do not re-use the medium for a second application.

### Storage

Unopened containers should be stored at 15 to 25°C in a dry place without direct sun light. Shelf life is two years. See expiration date on the label.

### Main components

Sodium chloride (NaCl)	8,78 g/L
Potassium chloride (KCl)	0,42 g/L
Sodium fluoride (NaF)	0,25 g/L
Sodium dihydrogen phosphate-Monohydrate ( $\text{NaH}_2\text{PO}_4 \cdot \text{H}_2\text{O}$ )	0,29 g/L
Di-Sodium hydrogenphosphate-Dihydrate ( $\text{Na}_2\text{HPO}_4 \cdot 2\text{H}_2\text{O}$ )	2,78 g/L

### Specification

parameter	specification
Form	solution
Colour	colourless
pH-value	7,35 – 7,45
Osmolality	335 – 345 mOsmol/kg
Volume	5 L / 10 L
Shelf life	Two years after production date

