



## Dulbecco's Phosphate Buffer (DPBS),

CatNo **GBP1622LK**

w/o Calcium and Magnesium, w/o Phenol Red, Powder

BatchNo: See Label  
Expiration date: See Label  
Storage: 20°C

### Formulation:

Components	CasNo	Formulation	Concentration mg/L
Disodium Hydrogen Phosphate	7558-79-4	Na <sub>2</sub> HPO <sub>4</sub>	1150
Potassium Chloride	7447-40-7	KCl	200
Potassium Phosphate, Monobasic	7778-77-0	KH <sub>2</sub> PO <sub>4</sub>	200
Sodium Chloride	7647-14-5	NaCl	8000
Total			9.550 mg/L

**Amount:** 95.5 g, for 10 L  
**Appearance:** Off-white to creamy white, homogenous powder  
**Instruction:** Powdered media and salts are very hygroscopic and have to be stored under dry conditions.  
**Use at:** 9.55 g/L  
**pH:** 7.5 ± 0.3  
**Osmolality:** 285 mOsm/kg ± 10%  
**Storage and shelf life:** Store at +20°C, dry and protected from light. Please refer to product label for expiration date.  
**Shipping conditions:** Ambient

### Uses

- 1) Measure out 90% of final required volume of water. Water temperature should be 15-20°C.
- 2) While gently stirring the water, add the powdered medium (9.55 g/L). Stir until dissolved. Do not heat.
- 3) Rinse original package with a small amount of water to remove all traces of powder. Add to solution in step 2.
- 4) While stirring, adjust the pH of the medium to 0.1-0.3 pH units below the desired pH since it may rise during filtration. The use of 1 N HCl or 1 N NaOH is recommended.
- 5) Add additional water to bring the solution to final volume.
- 6) Sterilize immediately by filtration using a membrane with a porosity of 0.22 microns.
- 7) Aseptically dispense medium into sterile container.

This product is for in vitro research use only. It is not a medical device and it is not intended for diagnostic or therapeutic purposes.

GBP1622LK 231114-1/1

Manufacturer

**BIOZOL**  
FIT FOR SCIENCE

**BIOZOL**

Diagnostica Vertrieb GmbH  
Leipziger Straße 4  
85386 Eching

Phone +49 (89) 3799 666 6  
Fax +49 (89) 3799 666 99  
E-Mail info@biozol.de  
www biozol.de

Page 1 of 1



Management System  
ISO 9001:2015  
www.tuv.com  
ID 9000019771

