

Hello Bio, Inc.  
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500  
F. 609-228-4994

customercare-usa@m2stage.hellobio.com



---

## DATASHEET

PBS (100 Tablets)

---

### Product overview

<b>Name</b>	PBS (100 Tablets)
<b>Cat No</b>	HB5330
<b>Biological description</b>	Commonly used buffer. Often used to provide a buffer system to maintain cell culture media in the physiological pH range. 100 tablets.  Add one tablet per 100ml of purified water for a 1X solution of PBS, pH 7.4: Sodium chloride: 137 mM, Potassium chloride 2.7 mM, Phosphate buffer 11.9 mM.
<b>Description</b>	100 tablets of PBS

---

### Solubility & Handling

<b>Storage instructions</b>	Room temperature
<b>Solubility overview</b>	Soluble in water
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use

---

### Chemical Data

<b>Chemical name</b>	Phosphate buffered saline
<b>MDL number</b>	MFCD00131855

---

### References

#### Buffer solution can control the porosity of DNA-chitosan complexes

Fukushima T *et al* (2006) J Biomed Mater Res B Appl Biomater 76(1)

**PubMedID** [16047320](#)

#### PBS buffer solutions with different pH values can change porosity of DNA-chitosan complexes

Fukushima T *et al* (2005) Dent Mater J 24(3)

**PubMedID** [16279733](#)

#### Preservation Method and Phosphate Buffered Saline Washing Affect the Acute Myeloid Leukemia Proteome

Wangen R *et al* (2018) Int J Mol Sci 19

**PubMedID** [29351208](#)

---