

Cell Culture Buffer

Biologix Cell culture buffer, sterilized by 0.1 µm filtration, DNase & RNase free, Protease-free, Pyrogen-free, can be directly used for cell culture. It is suitable for washing cells before dissociation, transporting cells or tissues, diluting cells for counting, or preparing other reagents. The buffer options include PBS, DPBS, Hanks, and HEPES buffers.

Selection Guide

- PBS is the most widely used balanced salt solution in biochemical research. It is often used for rinsing tissue blocks, washing cells, transporting cells, preparing other reagents.
- DPBS has a slightly lower phosphate content compared to PBS. DPBS is commonly used for washing delicate cells such as embryonic cells or primary cells during dissociation.
- Hanks buffer contains glucose, providing basic nutrients for cells. It can be used for prolonged digestion/separation and short-term transport/storage of cells.
- HEPES has good buffering capacity in the pH range of 7.2–7.6, making it suitable for cell cultures that require precise pH conditions, or open cultures, such as cell observation.



Storage & Shelf Life

PBS, DPBS: Store at 2–30°C . Shelf life of 36 months.

Hanks, HEPES: Store at 2–8°C . Shelf life of 36 months.

Ordering Information

Cat.#	Product Name	Formula	Package
PBS-501	PBS Buffer (1x), pH 7.4, Ultra-low endotoxin	137 mM NaCl, 2.7 mM KCl, 10 mM Na ₂ HPO ₄ , 1.8 mM KH ₂ PO ₄	500 mL/Bottle, 10 Bottles/Case
PBS-500	PBS Buffer (1x), pH 7.4	137 mM NaCl, 2.7 mM KCl, 10 mM Na ₂ HPO ₄ , 1.8 mM KH ₂ PO ₄	500 mL/Bottle, 10 Bottles/Case
PBS-100	PBS Buffer (1x), pH 7.4	137 mM NaCl, 2.7 mM KCl, 10 mM Na ₂ HPO ₄ , 1.8 mM KH ₂ PO ₄	100 mL/Bottle, 20 Bottles/Case
PBS-1000	PBS Buffer (1x), pH 7.4	137 mM NaCl, 2.7 mM KCl, 10 mM Na ₂ HPO ₄ , 1.8 mM KH ₂ PO ₄	1000 mL/Bottle, 6 Bottles/Case
PBS-510	PBS Buffer (10x), pH 7.4	27 mM KCl, 1.37 M NaCl, 100 mM Na ₂ HPO ₄ , 18 mM KH ₂ PO ₄	500 mL/Bottle, 10 Bottles/Case
PBS-1100	PBS Buffer (10x), pH 7.4	27 mM KCl, 1.37 M NaCl, 100 mM Na ₂ HPO ₄ , 18 mM KH ₂ PO ₄	1000 mL/Bottle, 6 Bottles/Case
DPBS-500	DPBS Buffer (1x), pH 7.4	2.7 mM KCl, 138 mM NaCl, 8 mM Na ₂ HPO ₄ , 1.5 mM KH ₂ PO ₄	500 mL/Bottle, 10 Bottles/Case
DPBS-1000	DPBS Buffer (1x), pH 7.4	2.7 mM KCl, 138 mM NaCl, 8 mM Na ₂ HPO ₄ , 1.5 mM KH ₂ PO ₄	1000 mL/Bottle, 6 Bottles/Case
HANKS-500	Hanks Balanced Salt Solution (1x)	137.93 mM NaCl, 5.36 mM KCl, 4.17 mM NaHCO ₃ , 0.441 mM KH ₂ PO ₄ , 0.338 mM Na ₂ HPO ₄ , 5.56 mM D-Glucose	500 mL/Bottle, 10 Bottles/Case
HANKS-1000	Hanks Balanced Salt Solution (1x)	137.93 mM NaCl, 5.36 mM KCl, 4.17 mM NaHCO ₃ , 0.441 mM KH ₂ PO ₄ , 0.338 mM Na ₂ HPO ₄ , 5.56 mM D-Glucose	1000 mL/Bottle, 6 Bottles/Case
HEPES-100	HEPES Buffer (1 M)	1 M HEPES	100 mL/Bottle, 20 Bottles/Case
HEPES-500	HEPES Buffer (1 M)	1 M HEPES	500 mL/Bottle, 10 Bottles/Case