



FSB-2052-100 PBS Buffer Tablets pH 7,4, 200ml/tablet

Quantity: 100 tablets

Features: Formulated from analytical grade reagents
Autoclavable
Choice of two compositions: with or without potassium
Available as convenient tablets or powder mix in pouches
Ready to use in minutes

Product description

Among biological buffers PBS is one of the most commonly used. The buffer is isotonic and non-toxic to cells and has the ability to maintain their osmolarity. Thereby the buffer is suitable for washing procedures in cell cultures and for immunoassays such as ELISA and immuno-histochemical procedures. It is often used for sample dilution in molecular biology and as protein diluent in Western blotting. Furthermore, the buffer can function as an equilibrator for gel filter columns (1).

Fisher Molecular biology's PBS is specifically developed for immunological and microbiological laboratories. It is provided as pre-weighed tablets in containers and in convenient blister packs, or as pre-weighed powder mix in sealed pouches.

There are seventeen standard-sized packages and final volumes range from 100 ml to 100 litres. Choose from different pH, 7.2 and 7.4 and from PBS with or without potassium. PBS without potassium is available in two different molar strengths, 0.01 M and 0.02 M. PBS solution is supplied as a ready-to-use solution.

Applications

- Immunoassays
- Immuno-histochemical procedures
- Microbiological procedures
- Tissue and cell culture procedures
- Sample dilution

Directions for use

Empty one pouch or deposit one tablet in a laboratory flask or beaker placed on a magnetic stirrer. Add 50 ml to 500 ml of deionized water for pouches and tablets in the volume range 100 ml to 1000 ml and stir the solution for a few minutes. Adjust the water up to the given volume, stir until full dissolution and the buffer is ready to use. For larger quantities, 10 to 100 litres of buffer, use suitable equipment to stir and dissolve the buffer in compliance with the instructions above.

Storage: PBS buffer is shipped at room temperature. Store the tablets and pouches in a dry place at room temperature. Shelf life is three years after production date.. The ready-to-use PBS solution in bottles is stable for one year at +4°C.

References

1. A peptide carrier for the delivery of biologically active proteins into mammalian cells. (2001) MC Morris, J Depollier, J Mery, F Heitz. Nature Biotechnology 19, 1173 - 1176.

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