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Product Information

Phosphate-Citrate Buffer
tablet

Catalog Number **P4809**
Store at Room Temperature

Product Description

Phosphate-citrate buffer is the buffer of choice for use with soluble horseradish peroxidase substrates such as *o*-phenylenediamine dihydrochloride (OPD) or tetramethylbenzidine (TMB). Phosphate-citrate buffer provides a pH of 5.0 and has good buffering capacity.

The Phosphate-Citrate Buffer Tablets can be used to prepare a 0.05 M phosphate-citrate, pH 5.0, buffer solution. These tablets offer a fast, convenient, and accurate method for the preparation of phosphate-citrate buffer solutions. They eliminate the time-consuming and tedious process of weighing individual components in buffer preparation. Phosphate-Citrate Buffer Tablets have been manufactured from the highest quality components to exacting physical and chemical specifications to ensure performance and lot-to-lot consistency.

The product is available in packages of 50 or 100 tablets. Custom packaging and bulk purchase information are available upon request.

This product has been used in such applications as ELISA,[1-3] immunohistochemistry,[4-6] enzyme assays,[7] and in mouse models.[8]

Precautions and Disclaimer

This product is for Research Use Only. Not for Use in Diagnostic Procedures. Please consult the Safety Data Sheet for information regarding hazards and safe handling practices.

Preparation Instructions

Dissolve one tablet in 100 mL of deionized water with stirring to obtain 0.05 M phosphate-citrate buffer, pH 5.0.

Storage/Stability

Store the tablets at room temperature.

References

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