

Amersham AlkPhos Direct Hybridization Buffer

Product Specification Sheet

Introduction

Product code

RPN3688

Important

Read these instructions carefully before using the products.

Intended use

The products are intended for research use only, and shall not be used in any clinical or *in vitro* procedures for diagnostic purposes.

Safety

For use and handling of the products in a safe way, refer to the Safety Data Sheets.

Storage

Store at 15–25°C. Stable for at least 3 months when stored under the recommended conditions.

If not used immediately, prepared hybridization buffer should be pipetted into sterile containers and stored at -15°C to -30°C. Prepared buffer can be stored for at least 3 months.

Components

2 x 500 mL, AlkPhos Direct hybridization buffer, contains urea.

2 x 25 g, blocking agent

Preparation

Streptavidin-alkaline phosphatase is prepared using a single-step glutaraldehyde coupling reaction to link calf intestinal alkaline phosphatase to streptavidin. Excess coupling reagent is removed using extensive dialysis.

The final product concentration is optimized to a standard titre as determined by its binding to biotinylated protein. As a result the final protein concentration may vary minimally between batches.

Quality control

AlkPhos Direct hybridization buffer and blocking agent are tested by Cytiva quality control group using the AlkPhos Direct labelling and detection system.

Preparation of AlkPhos Direct hybridization buffer

Step	Action
1	Add NaCl (analytical grade) to the hybridization buffer to give a final concentration of 0.5 M.
2	Mix thoroughly on a magnetic stirrer or roller mixer.

Use of hybridization buffer

AlkPhos Direct hybridization has been formulated for use with the AlkPhos Direct labelling and detection system. Full hybridization protocols are provided with these kits.

cytiva.com

Cytiva and the Drop logo are trademarks of Global Life Sciences IP Holdco LLC or an affiliate.

Amersham™ is a trademark of Global Life Sciences Solutions USA LLC or an affiliate doing business as Cytiva.

All other third-party trademarks are the property of their respective owners.

© 2020-2021 Cytiva

All goods and services are sold subject to the terms and conditions of sale of the supplying company operating within the Cytiva business. A copy of those terms and conditions is available on request. Contact your local Cytiva representative for the most current information.

For local office contact information, visit cytiva.com/contact

29460178 AA V:4 01/2021

