

TECHNICAL DATA SHEET

Sheath Fluid (30X)

Catalog Number: TNB-4600

PRODUCT INFORMATION

Contents: Sheath Fluid (30X)

Use By: 6 months from date of receipt

Storage Conditions: 18-25°C

Formulation: 30X concentrated phosphate buffered saline-based solution. Sheath Fluid (30X) contains NO azide.

DESCRIPTION

Tonbo Biosciences Sheath Fluid (30X) is a pre-filtered, pH balanced phosphate buffered saline solution that can be used for transporting particles through any flow cytometer. This concentrated formula is easily prepared, uses less storage space and costs less to ship than conventional 20 L containers. Each bottle provides sufficient concentrate to prepare 20 liters of 1x flow cytometer sheath fluid.

PREPARATION & STORAGE

Sheath Fluid is provided as a 30X solution and must be diluted to 1X prior to use. To prepare 20 L of 1X Sheath Fluid, pour entire contents into a 20 L Cubitainer® and add dH₂O to a final 20 L volume. For cytometers with smaller sheath tanks, add 100 mL of 30X Sheath Fluid to 2900 mL of dH₂O to make up 3 L of 1X Sheath Fluid. Filtered dH₂O is recommended for use as the diluent.

NOTE: For use under sterile sorting conditions, filter the diluted 1X sheath fluid with a 0.22 µm filter prior to use.

APPLICATION NOTES

Product should be stored at room temperature. Do not freeze.

Tonbo Biosciences tests all antibodies by flow cytometry. Citations are provided as a resource for additional applications that have not been validated by Tonbo Biosciences. Please choose the appropriate format for each application and consult Materials and Methods sections for additional details about the use of any product in these publications.

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