

Sheath Fluid (30x)

Catalog	Unit Size
TBS5070-15L	500 mL
TBS5070-30L	1000mL

DESCRIPTION

Tribioscience's Sheath Fluid is a 30x concentrated buffer solution. It easily prepares a sheath fluid working solution (1x) for transporting particles through any flow cytometer. This concentrated solution uses less storage space and costs less to ship than conventional large containers. Each bottle provides sufficient concentrate to prepare 30 L or 15L of 1x flow cytometer sheath fluid.

COMPOSITION

30X concentrated salt buffered solution without azide.

pH Value: 7.4 ± 0.2

Sterile filtered with 0.2um filter.

STORAGE

Room temperature (18-25°C). Use by 6 months from the date of receipt.

PREPARATION FOR 1X SHEATH FLUID

Tribioscience's Sheath Fluid is provided as a 30X solution and must be diluted to 1X prior to use. To make 1x sheath fluid, add 1 part of 30x concentrated Sheath Fluid into 29 parts of dH2O.

- 1000mL of 30x Sheath fluid can be diluted to 30L of 1x sheath fluid for flow cytometry applications.
- 500mL of 30x Sheath fluid can be diluted to 30L of 1x sheath fluid for flow cytometry applications.

NOTE: Filtered dH2O is recommended for use as the diluent. Product should be stored at room temperature. Do not freeze.

Research use only.