

## Sodium Dodecyl Sulfate (SDS) Solution (10%)

*Ultrapure Molecular Biology Grade*

Catalog	Unit Size
TBS5063-500ML	500mL
TBS5063-125mL	125mL

### DESCRIPTION

Sodium dodecyl sulfate (SDS) is an anionic detergent used to solubilize and denature proteins in protein extraction, SDS-PAGE gel electrophoresis, molecular hybridization, epigenetic study. 10% SDS Solution is effective in both ionic and anionic conditions. It is an ultrapure solution.

### KEY FEATURES

**Convenient:** This solution is formulated as a concentrated solution. It can be diluted to the desired concentration.

**Consistent:** The solution makes your experiment easy and consistent, and time-saving.

**Multipurpose application:** The solution is ideal for a wide range of molecular biology applications.

**Ultrapure:** This solution is ultrapure for molecular biology application

### APPLICATIONS

Suitable for electrophoresis, protein and nucleic acid purification, cell disruption, prehybridization, and hybridization solutions, and biochemical applications requiring high purity SDS.

### CONTENT

The solution contains 10% (w/v) SDS in distilled water. It is filtered with 0.22 µm filter.

### STORAGE CONDITIONS

The product is stored at room temperature.

### PRECAUTIONS

At low temperatures the SDS solution may precipitate; warm at 37°C for complete dissolution.

### RELATED PRODUCTS

Protein Cell Lysis Solution (TBS5001)

Protein Assay Kit (TBS2005)

BSA Standard solution (TBS5002)

### REFERENCES

1. Laemmli, U.K. 1970. Nature. 227: 680- 685.
2. Grohs, R.A., et al. 1991. Anal. Chem. 63: 384-390.

**This product is for *in vitro* research use only and is not intended for use in humans or animals in therapeutic or diagnostic procedures.**