

**20% (w/v) Sodium Dodecyl Sulfate
(20% SDS)**

Catalog #:	351-066-721EA	100mL
	351-066-721	4 x 100mL
	351-066-101	500mL

Store at: 15°C to 30°C
Shipped at: ambient temperature

Note: If 20% SDS gels at low temperature, warm at 30-40°C until the solution clears. This gelling will not affect the performance of the product.

Description

Quality Biological's (QBI) Sodium Dodecyl Sulfate 20% (w/v) is prepared from molecular biology grade sodium dodecyl sulfate using Quality Biological's Molecular Biology Grade (MBG) Water. The final product is sterile filtered through a 0.2µm filter.

Applications

Sodium dodecyl sulfate (SDS), an anionic detergent, is widely used in molecular biology to lyse both eukaryotic and prokaryotic cells in the preparation of RNA and DNA. The following are examples where 20% (w/v) Sodium Dodecyl Sulfate may be usefully employed:

- *RNA applications (Mini Method)*³
- *DNA preparation from cultured cells and tissue*³

Quality Control*General*

The quality of a product is a combination of careful selection of raw materials, proper manufacturing procedures, and diligent monitoring of each step.

All QBI products for Molecular Biology are prepared according to standard published protocols^{1,2} or to formulations provided by customers.

Quality Control is used to determine whether each step in the manufacturing process has been properly carried out and the finished product meets or exceeds the standards established for it.

Product Specific Testing

Sodium Dodecyl Sulfate 20% (w/v) is routinely tested for the absence of DNase and RNase.

The test results of individual lots of Sodium Dodecyl Sulfate 20% (w/v) are available on the QBI website.

References

1. Sambrook, J., Fritsch, E.F. & Maniatis, T. (1989) *Molecular Cloning, a Laboratory Manual, 2nd Edition.*, Cold Spring Harbor Press
2. Ausubel, F.M. et al., eds. (1993) *Current Protocols in Molecular Biology*. Green Publishing Associates, Inc., in association with John Wiley & Sons, Inc.
3. Davis, L.G. Dibner, M.D. & Battey, J.F. (1986) *Basic Methods in Molecular Biology*. Elsevier Science Publishing Company, Inc.

Related Products

10% (w/v) Sodium Dodecyl Sulfate (20% SDS)

Catalog #	351-032-721EA	100mL
	351-032-721	Pack of 4 x 100mL
	351-032-101	500mL

DEPC Treated Water

Catalog #	351-065-721EA	100mL
	351-068-721	Pack of 4 x 100mL
	351-068-131	1000mL
	351-068-131CS	10 x 1000mL
	351-068-491	4 Liters
	351-068-151	10 Liters
	351-068-161	20 Liters

Molecular Biology Grade Water

Catalog #	351-029-721EA	100mL
	351-029-721	Pack of 4 x 100mL
	351-029-101	500mL
	351-029-101CS	10 x 500mL
	351-029-131	1000mL
	351-029-131CS	10 x 1000mL
	351-029-491	4 Liters
	351-029-151	10 Liters
	351-068-161	20 Liters

All products sold by Quality Biological, Inc. are intended for research use only. This product has not been approved for diagnostic or IVD use.