

# Crystal SDS Reagent

## Catalog Number

Crystal SDS Reagent BIO-37109 50 tablets

Exp. Date: See vial

Batch No.: See vial



A Meridian Life Science® Company

**Store at Room Temperature**

## Storage and Stability:

Crystal SDS Reagent can be stored at room temperature for up to 3 years.

## Shipping:

Crystal DNA Loading Buffer is shipped at ambient temperature.

## Safety Precautions:

Harmful in contact with skin and if swallowed. May cause respiratory tract, eye and skin irritation. Please refer to the material safety data sheet for further information.



## WARNING

Causes skin irritation  
Causes serious eye irritation  
May cause respiratory irritation  
Flammable solid

## Notes:

1. This product insert is a declaration of analysis at the time of manufacture.
2. Research Use Only.

## Features

- Highest purity and quality
- Exactly pre-weighed tablets
- Dissolve and go for greater convenience
- Guaranteed reproducible results

## Applications

- Protein denaturing agent
- Detergent
- SDS-PAGE
- Western Blotting

## Description

Crystal SDS Reagent is a general purpose laboratory detergent and denaturing agent made from reagents with the highest purity and delivered in convenient, pre-weighed, ready-to-use tablets. Each tablet contains precisely 0.5g of SDS (sodium dodecyl sulfate) reagent.

Crystal SDS Reagent can be used in protein loading buffers and Southern (DNA) and Northern (RNA) blotting. It can also be used in combination with Crystal 1x TG Buffer (BIO-37106) at a concentration of 0.1% to perform SDS-PAGE. Crystal SDS Reagent is tested for the absence of DNase/RNase contamination.

## Protocol

Dissolving 2 tablets in 1000ml buffer gives an SDS concentration of 0.1%. Add the appropriate number of tablets to your buffer of choice to obtain the desired SDS concentration.

The following table indicates the number of SDS tablets to be used to achieve different SDS concentrations.

No. SDS tablets to be added to 1000ml buffer	1	2	3	4	5	6
Final conc. of SDS	0.05%	1%	1.5%	2%	2.5%	3%

## Associated Products

Product Name	Pack Size	Catalog No.
HyperPAGE Prestained Protein Marker	10 lanes	BIO-33065
	50 lanes	BIO-33066
TG Buffer	10 x 1000ml pouches	BIO-37106

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