

Bicine Buffer (1M)

(Cat# C8044; ready-to-use buffer; store at RT)

Introduction

Bicine Buffer is an amino acid buffer, active in the pH 7.6-9.0 range. It is a recommended buffer for low temperature biochemical analysis and is used extensively in molecular biology work.

ABS_Bio™ ready-to-use Bicine Buffer is formulated 1 M buffer pH 8.5 for biological research. The buffers can be diluted to the desired concentration and used in molecular biology or general biochemistry applications. DNase-, RNase-, phosphatase and Protease-Free.

Kit Components

Ammonium Sulfate Solution: 500 mL pH 8.5 Multiple size are available:

Storage and Handling: Store all of the components at RT. Shelf Life: 12 months after receipt.

Features for All of Solution & Buffers

Formulated from analytical grade chemicals.

Ideal for standardizing laboratory work.

Each stage of the manufacturing process is controlled and monitored by stringent quality control procedures to guarantee the highest possible quality and lot-to-lot reproducibility.

Applications

- Molecular Biology and Biochemistry: protein synthesis, phosphorylation and photophosphorylation. Analysis of membrane proteins.
- Tissue culture.

Protocol

The buffer is filtered with 0.22 µm filter in sterile condition and it is ready to use.

Related Products:

| | |
|---|--|
| TMB substrate solution(#C8010) | ELISA Blocking Buffer(5x 25mL; #C8002) |
| ELISA Washing Buffer(20x, 25mL; #C8003) | Antibody Dilution Buffer(#C8004) |
| Protein Loading Buffer(6x ; #C8005) | SDS-PAGE Running Buffer(10x ; #C8006) |
| Phosphate Buffered Saline (10x PBS, #C8007) | Phosphate Buffered Saline with Tween 20(10x PBS-T; #C8008) |
| Phosphate Buffered Saline(1xDPBS, #C8012) | PAGE-gel transfer buffer(10x, #C8014) |
| TAE Buffer(10x, #C8015) | TBE Buffer(10x, #C8016) |
| RIPA Buffer(#C8017) | Cell Lysis Buffer(#C8019) |
| TE Buffer(#C8020) | DNA Loading Buffer(#C8021) |
| TBST Buffer(#C8024) | TBST Blocking Buffer(#C8025) |
| Tris-Buffer(1 M pH 7.5, #C8027) | Tris-Buffer(1 M pH 8.0, #C8026) |
| HEPES Buffer(1 M pH 7.4, #C8028) | Ammonium Sulfate Solution (4 M pH 7.0 #C8043) |