

Storage

Store at 2-8°C, protected from light

Contents

- Product Manual
- HiQ Acrylamide:bis 30%, 37.5:1.

ALL PRODUCTS SOLD BY GenDEPOT ARE INTENDED FOR RESEARCH USE ONLY UNLESS OTHERWISE INDICATED. THIS PRODUCT IS NOT INTENDED FOR DIAGNOSTIC OR DRUG PURPOSE

Shipping Condition

Ship at ambient.

Introduction

GenDEPOT offers an extensive line of Acrylamide and bis-Acrylamide ready to use solutions for customized PAGE of protein. Liquid Acrylamide products replace powdered materials with convenient solutions. These products eliminate inhalation hazards associated with handling Acrylamide and bis-Acrylamide powders. The product line includes acrylamide and bis-Acrylamide concentrates as well as 30% and 40% solutions in standard ratios of monomer to crosslinker. Liquid Acrylamides are prepared from Ultra Pure Grade components in deionized water. GenDEPOT microfilters each solution to eliminate physical barriers to the gelation process.

Technical Information

Typical Monomer Contents (MC) and Crosslink Content (CC) and recommended application

Acrylamide ratio	MC	CC	Recommended Application
19:1	0.950	0.050	DNA Sequencing, Nucleic Acid Separation
29:1	0.966	0.033	Nucleic Acid and Protein Separation
37.5:1	0.974	0.026	Protein Separation

Note: Monomer Content (MC): Desired ratio of acrylamide in a solution, expressed as decimal. Crosslinker Content (CC): Desired ratio of bis-acrylamide in a solution, expressed as a decimal.

Solution Preparations with Acrylamide:bis concentration blends.

Determine ml of Acrylamide:bis solution needed.

$$\text{ml Acryl/bis needed} = \frac{(\text{Final gel concentration}) \times (\text{Final gel volume})}{30 \text{ or } 40\% \text{ (Depending on the concentration of the stock solution)}}$$

Related GenDEPOT Products

Product Name	Cat No
Albumin, Ultra pure Bovine Serum Albumin, IgG free	A0100
Laemmli Sample Buffer(4X), Reducing	L1100
Laemmli Sample Buffer(4x) , Non-Reducing	L1200
NP-40 Cell Lysis Buffer (2X)	N1200
Xpert Protease Inhibitor Cocktail Solution(100X)	P3100
Xpert Phosphatase Inhibitor Cocktail Solution(100X)	P3200
Xpert 2 Prestained Protein Marker	P8503
RIPA Cell Lysis Buffer(1X) with EDTA	R4100
RIPA II Cell Lysis Buffer with Triton X (1X) without EDTA	R4200
Goat anti-Mouse IgG(H+L)-HRP, 1mg/ml, HSA	SA001
Goat anti-Rabbit IgG(H+L)-HRP, 1mg/ml, HSA	SA002
Rabbit anti-Goat IgG(H+L)-HRP, 1mg/ml, HSA	SA007
West-EZ Stripping Buffer	S2100
10X Tris-Glycine Native Buffer(Transfer Buffer)	T8052
10X Tris-Glycine SDS Buffer(Running Buffer)	T8053
TBS Buffer 20X, pH 7.4	T8054
TBS Buffer 20X, pH 7.6	T8055
TBST Buffer 10X, pH 7.4	T8056
West-Q Pico ECL Solution	W3652
West-Q Pico Dura ECL Solution	W3653
West-EZier Wash Buffer(10X)	W3680
West-Q Femto Clean ECL Solution	W3683
West-EZier Super Blocking Buffer	W3700
West-Ez Blocking Buffer, 3% BSA-IgG Free	W3710
West-EZier Rapid Blocking Buffer, 5 mins	W3810
West-EZier 2nd anti-Goat IgG, HRP conjugated, 0.2mg/ml	W3901
West-EZier 2nd anti-Rabbit IgG, HRP conjugated, 0.2mg/ml	W3902
West-EZier 2nd anti-Mouse IgG, HRP conjugated, 0.2mg/ml	W3903