OneStep PAGE gel

INTRODUCTION

OneStep PAGE gel enables researchers to cast, polymerize and run a mini-gel in less than 15 minutes. Provided as a novel, ready-to-pour SDS polyacrylamide solution, it polymerizes into a unique support matrix for the electrophoretic separation of denatured proteins. The proprietary chemistry of OneStep PAGE gel eliminates the need for a staking gel while providing sharp band resolution over a wide molecular weight range. The gels are fully compatible with all stand electrophoresis equipment, SDS-PAGE staining procedures and down-stream application including 2D electrophoresis, Western blot transfer, protein sequencing and MALDI analysis.

KIT CONTENTS

Label	Contain
OneStep PAGE Solution	125 ml
OneStep PAGE 2x Buffer	125 ml

STORAGE AND STABILITY

- Storage condition : The product remains active for at least 2 year stored at 4℃ in an unopened container.

FEATURE

- Use general loading buffer and running buffer (Tris-Glycine-SDS buffer)
- Faster gel casting with no stacking gel required
- Broad range of separation
- High resolution of protein bands

Concentration	Protein size
7.5%	20 – 300 kDa
10%	10 – 200 kDa
12%	3.5 – 100 kDa
15%	2.5 – 100 kDa

APPLICATIONS

- SDS-PAGE electrophoress

PROTOCOL

1. Assemble clean glass plate and spacer.
2. Mix OneStep PAGE solution, 2X buffer, 10% APS and TEMED in the tube.
3. Pour the mixed solution into gel casting.
4. Insert comb and wait 10~20min for polymerization.
5. Remove comb and load sample.
6. Run the gel 120V – 150V constant voltage for 60~90min or your protocol.

Contents	SDS-PAGE Gel Percentage (%)			
	7.5%	10%	12%	15%
D.W	2.5ml	1.67ml	1ml	-
OneStep PAGE Solution	2.5ml	3.3ml	4ml	5ml
OneStep PAGE 2x Buffer	5ml	5ml	5ml	5ml
10% Ammonium persulfate	60ul	60ul	60ul	60ul
TEMED	6ul	6ul	6ul	6ul

ORDERING INFORMATION

Product Name	Amount	Cat. No.
WEST-ZOL™ plus Western Blot Detection System	200ml	16024
PRO-PREP™ Protein Extraction Solution (C/T)	100ml	17081
PRO-MEASURE™ Protein Measurement Solution	100ml	21011
Gang-Nam-STAIN™ Prestained Protein Ladder	250ul	24052
Ponceau S Solution	1L	31192
SenSafe™ Fast Protein Staining Solution	1L	31194

Technical support : +82-505-550-5600

Review date : 2015. 06. 30

iNtRON Biotechnology