

INSTRUCTIONS

Genomine DryStripTM

IPG strips for 2D gel electrophoresis

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INSTRUCTIONS

catalogue number

24cm

4-10 NL	S5010
4-7	S5011
4.5-6.5	S5012
6-8	S5013
6-9	S5014

18cm

4-10NL	S5015
4-7	S5016
4.5-6.5	S5017
6-8	S5018
6-9	S5019

13cm

4-10NL	S5020
4-7	S5021
4.5-6.5	S5022
6-8	S5023
6-9	S5024

7cm

4-10NL	S5025
4-7	S5026
4.5-6.5	S5027
6-8	S5028
6-9	S5029



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1. Description

pH ranges	4-10NL, 4-7, 4.5-6.5, 6-8, 6-9
Length	7cm, 13cm, 18cm and 24cm
Package	12strips/pack
Prices(KRW)	7cm: 55,000 13cm: 60,000 18cm: 65,000 24cm: 69,500 / pack
0.5mm, 4%T and 3%C after rehydration	

Use a pH range of 4-10NL(non linear) for an overview of total protein distribution. And combine pH4-10NL and medium ranges to obtain a more detailed overview of the protein distribution.

Trimmed acidic end is arranged to (+) electrode.

2. Storage

Upon arrival store at -20°C . Product is delivered with dryice. This product is guaranteed for six months from the date of purchase when handled and stored properly.

3. Rehydration

DryStrips are rehydrated in the Reswelling Tray or Strip Holder. Rehydration solution is applied to the reservoir slots of the Reswelling Tray or Strip Holder, then the DryStrips are soaked individually. Rehydrated strips are 3mm wide and approximately 0.5mm thick.

DryStrip Length	Rehydration Solution(uL)
7cm	150
13cm	300
18cm	450
24cm	550
Strips are rehydrated for 12-16hrs	

4. Recommended running conditions

18cm / 10 strips

Phase	Voltage	mA	W	Time(hr)	Vh
1	500	1	5	0.01	1
2	500-3500	1	5	3	6000
3	3500	1	5	21	73500
Total					79500*

* The optimal total number of volt-hours depends on the kind of sample, sample load, sample volume and strip length.

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5. Trouble shootings

Symptom	Possible cause	Remedy
Uneven or incomplete reswelling of strips	Incorrect volume of rehydration solution used.	Make sure the correct amount of solution according above table is added to the slot in the reswelling tray.
	The rehydration time is too short.	Rehydrate the DryStrips for at least 10hrs.
	DryStrips were stored at or above room temperature for too long.	Do not allow DryStrips to sit at room temperature for longer than 10min. Strips will pick up moisture from the air.

Sample Image

human T cells

