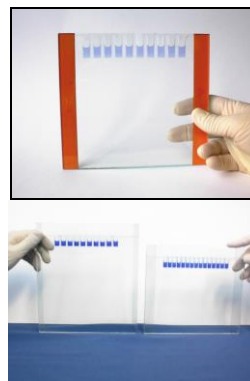


Julé Snap-Gels™ Quick Guide

Julé, Inc.

Large 1D and 2D Gels

- Wear eye protection and latex gloves.
- Remove gel from its sealed pack.
- Assemble into your apparatus according to the manufacturer's instructions.
- Fill upper buffer chamber and check for leaks.
- Fill lower buffer chamber and load samples.
- Connect apparatus to power supply. **Run gel(s) at constant voltage.**
- Begin run using “Starting Current” from table below. After 90 minutes, reduce current according to table below. Run at the voltage which yields desired current
- When finished, remove gel for staining or blotting.



Recommended Power Settings

Run Gels at Constant Voltage

Sample Loading

Gel Type	Thickness	Starting Current Milliamps per gel	Reduce Current After 90 min. Milliamps per gel	Run Time (hours)	Gel Type	Total Well Volume	Recommended Sample Load
Tris-Glycine	0.75 mm	30	18	4-6	0.75 mm		
	1.00 mm	40	24	4-6	10 well	110 µL	10 - 105 µL
	1.50 mm	50	30	4-6	15 well	80 µL	10 - 75 µL
TBE	0.75 mm	25	15	4-6	1.00 mm		
	1.00 mm	30	17	4-6	10 well	145 µL	10 - 140 µL
	1.50 mm	35	20	4-6	15 well	110 µL	10 - 105 µL
Tricine	0.75 mm	25 - 35	15 - 20	8-12	1.50 mm		
	1.00 mm	35 - 50	20 - 30	8-12	10 well	220 µL	10 - 215 µL
	1.50 mm	50 - 65	30 - 40	8-12	15 well	165 µL	10 - 160 µL

Julé, Inc.

185 Research Drive, # 6
Milford, CT 06460

E-mail: Service@precastgels.com

www.precastgels.com

1-800-648-1772

Fax: 203-878-7448

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