

# Precast Gels for DNA and RNA Selection Guide



We offer a complete family of precast agarose gels for DNA and RNA electrophoresis. Our unique gel options cover the full range of separation needs, from ultra-fast PCR analysis and recovery, to fine resolution and high-throughput separations. Our custom manufacturing capabilities can

support the requirements of nearly any application. All Lonza Gels are precision manufactured with our high quality SeaKem® and NuSieve™ Agarose and functionally tested for consistent performance.

## FlashGel™ System



No. of Wells	
12 + 1, 2 × 16 + 1	
and 2 × 8 + 1	
loading Volume	
5 µL, 12 µL	

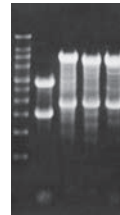
8.4 cm

7.0 cm

### ■ Five Minute DNA Separation:

- Separate DNA 10 bp to 10 kb and RNA 0.5 kb to 9 kb
- Watch DNA migrate in real time without UV light
- Recover samples directly, without purification
- Run 15–34 samples

## Reliant™ Minigels



No. of Wells	
20	
loading Volume	
< 15 µL	

9.5 cm

6 cm

No. of Wells	
8, 12 and 24	
loading Volume	
< 15 µL	

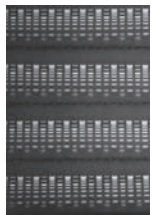
6 cm

9.5 cm

### ■ Small Format Gels for DNA and RNA:

- Run 8–24 samples
- Ideal for blotting and recovery
- Fits standard horizontal chambers

## Latitude™ HT Gels



No. of Wells	
100 and 200	
loading Volume	
10 µL–12 µL	
25 µL–30 µL	

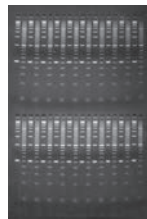
24 cm

14 cm

### ■ Large Format Gels for DNA:

- Run 100–200 samples
- Ideal for high-throughput screening of DNA samples
- Fits standard horizontal chambers

## Latitude™ Midgels



No. of Wells	
20 and 40	
loading Volume	
10 µL–12 µL	

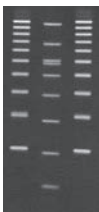
10 cm

15 cm

### ■ Medium Format Gels for DNA and RNA:

- Run 20–40 samples
- Ideal for routine analysis, blotting and recovery
- Fits standard horizontal chambers

## PAGE™ Gold TBE Gels



No. of Wells	Loading Volume
10	32 µL
12	20 µL
16	14 µL

10 cm

9 cm

No. of Wells	Loading Volume
10	32 µL
12	20 µL
16	14 µL

10 cm

10 cm

### ■ Vertical Polyacrylamide Gels for DNA:

- Run 10–16 samples
- Ideal for fine resolution
- Easy to load and open
- Fits most standard mini-vertical chambers