

Lonza Flash Gel

Fast electrophoresis system: for DNA, RNA and sample recovery



The Flashgel System

- **The FlashGel™ Dock** is an electrophoresis apparatus with a built-in transilluminator that provides both separation and detection.
- **FlashGel™ Cassettes** contain precast, prestained agarose gels and buffer – no need for gel preparation, buffer addition or gel staining.
- **The FlashGel™ Power Supply** is a high voltage electrophoresis power supply designed for the FlashGel™ Dock.
- **The FlashGel™ Camera** is a compact camera system designed to photograph FlashGel™ Cassettes right at the bench.

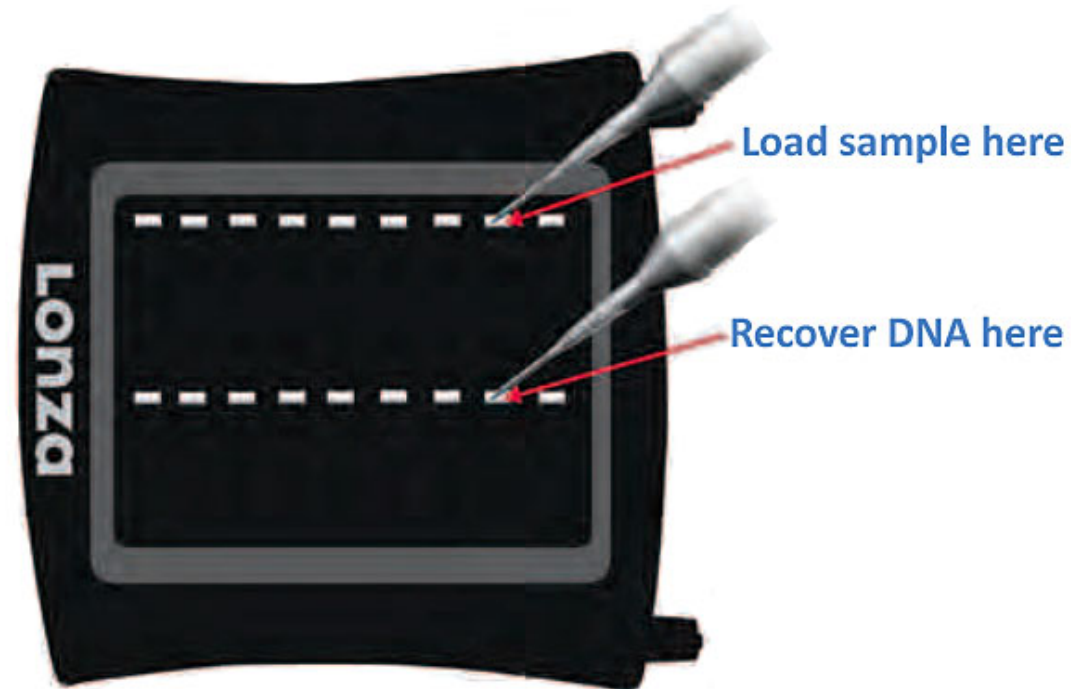
Flashgel cassettes

- Precast – RNA or DNA
- Pre-stained agarose (1.1% or 2.2%)
- Contains buffer
- No gel preps, buffer addition or gel staining
- Proprietary and single-use
- 275 volts



Recovery cassettes

- Two-tier DNA cassettes
- Pipette directly out of second tier wells
- No need to cut away and purify bands



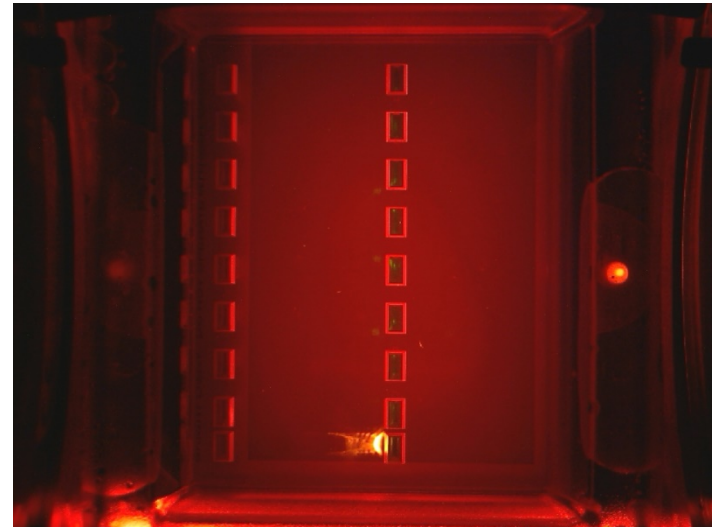
Flashgel Dock

- Separation and detection in one
- Built-in transilluminator
- Blue light – no UV
- Safe to visualise at the bench



Flashgel camera

- Simple digital camera with filter
- Document at the bench without UV light
- USB camera – plug straight into laptop
- Free software
- See bands run in real time



Benefits

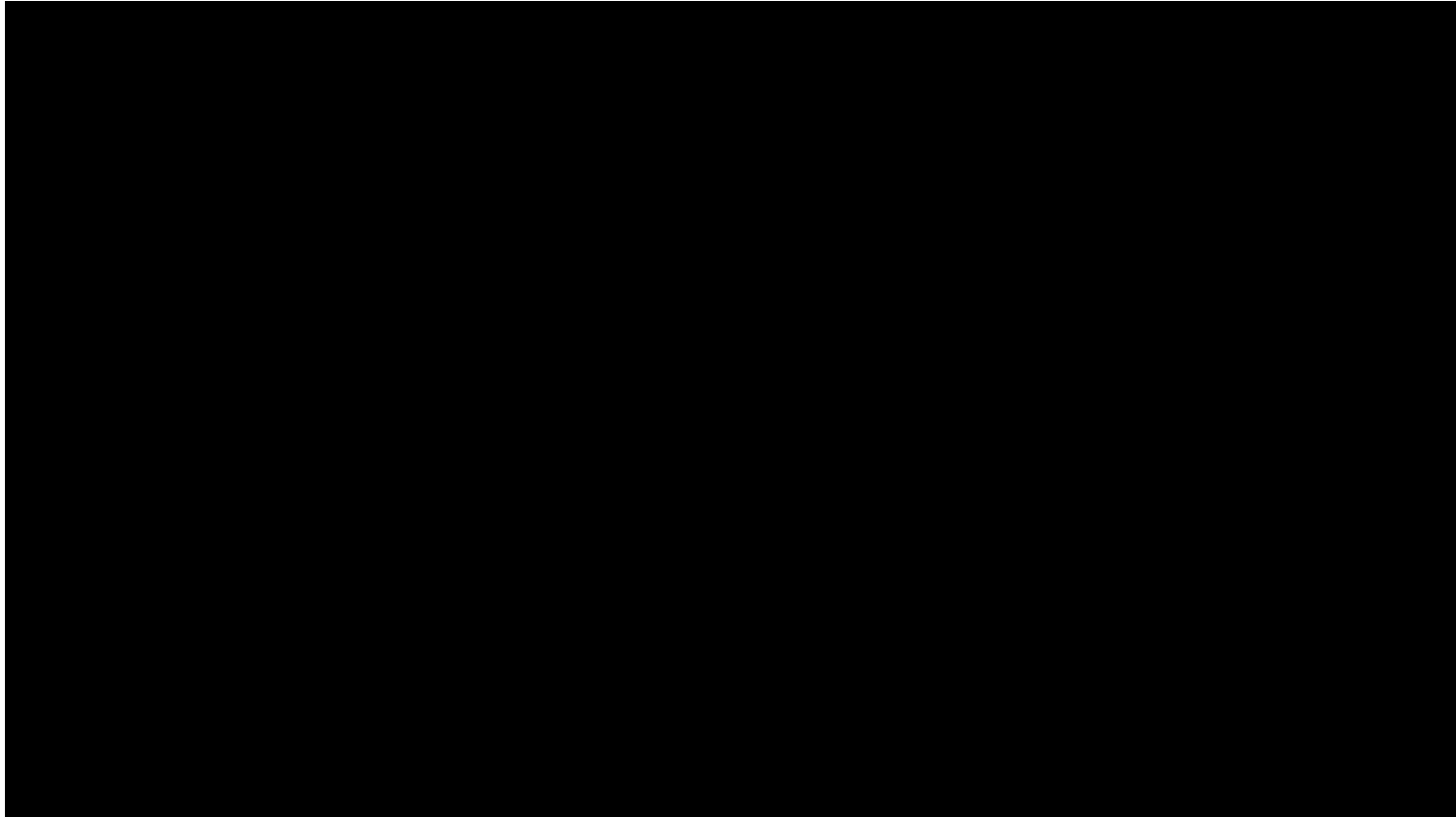
- Save time!! Results in 10 minutes or less
- No gel preparations
- Save money 5 – 20 times more sensitive than ethidium bromide; detect <0.1 ng DNA or <10 ng total RNA
- Completely safe – no UV, no ethidium bromide
- No band excision for sample recovery
- No gel imagers/ darkrooms

Applications

- Biotech Industry
- Research labs
- Lab start ups
- Teaching labs – ‘teaching moment’



Video/ Demonstration



Any Questions?

