

## Gel Loading Syringes

### Multiple-Channel Gel Loading Syringes



These multi-channel gel loading syringes offer a new, better way to transfer and load your electrophoresis samples with the advantages listed above. They are available for three gel thicknesses. For the best results, select the needle design which most closely matches your gel thickness.

- 0.2, 0.3 and 0.4 mm needle designs for optimal loading
- Rapid handling of multiple samples
- No disposable tips to change or position to fit between gel casting plates
- Adjustable volume stops for reproducibility
- Fits most popular gel comb configurations (square and shark tooth)

#### Catalog No. Product

CGS 8354.76	12-Channel Gel Loading Syringe, 0.2 mm
CGS 8355.76	8-Channel Gel Loading Syringe, 0.2 mm
CGS 8356.76	6-Channel Gel Loading Syringe, 0.2 mm
CGS 8357.76	4-Channel Gel Loading Syringe, 0.2 mm
CGS 8358.76	12-Channel Gel Loading Syringe, 0.3 mm
CGS 8359.76	8-Channel Gel Loading Syringe, 0.3 mm
CGS 8360.76	6-Channel Gel Loading Syringe, 0.3 mm
CGS 8361.76	4-Channel Gel Loading Syringe, 0.3 mm
CGS 8362.76	12-Channel Gel Loading Syringe, 0.4 mm
CGS 8363.76	8-Channel Gel Loading Syringe, 0.4 mm
CGS 8364.76	6-Channel Gel Loading Syringe, 0.4 mm
CGS 8365.76	4-Channel Gel Loading Syringe, 0.4 mm
CGS 8366.76	Single Channel DNA Repl. Syringe, 0.2 mm, 10 $\mu$ l
CGS 8367.76	Single Channel DNA Repl. Syringe, 0.3 mm, 10 $\mu$ l
CGS 8368.76	Single Channel DNA Repl. Syringe, 0.4 mm, 10 $\mu$ l

### Adjustable Gel Loading Syringes



- Simplify and speed sample loading of 96-lane gels on ABI PRISM® 377 DNA sequencing instrument
- Easy adjustment of needle spacing
- Needle designs for 0.2, 0.3, and 0.4 mm thickness gels for optimal loading
- Removable needles for complete interchangeability of needles designs, and clogged or damaged needles
- Accurately transfers sample volumes from 0.2 to 10  $\mu$ l

#### Quick and Easy

The adjustable gel loading syringes (AGLS) allows quick and easy loading of DNA samples on the 96-lane ABI PRISM 377 DNA sequencing instrument. Eight samples can be transferred simultaneously from a microwell plate with 9 mm spacing to a 96-lane gel with 10.8 mm spacing.

#### Easy Needle Adjustment

An easy to use sliding plate makes adjustment of the needle spacing possible without repositioning of hands. Simply slide the plate up or down for the appropriate needle spacing. There's no need to pause between the sample filling and gel loading procedure since the sliding plate handle is within easy reach of your fingers on the back of the AGLS. As a result, gels are loaded more efficiently, decreasing diffusion-related band broadening and loading order errors.

#### Needle designs are available for gel thicknesses of 0.2, 0.3, and 0.4 mm.

- 0.2 mm - For use with standard DNA sequencing gel plates or new 96-lane notched plate. Allows insertion of the needle between the plates for dense sample loading and improved resolution.
- 0.3 mm – For use with new 96-lane notched plate. Allows insertion of needles between notched plates with greater durability.
- 0.4 mm – For use with standard DNA sequencing gel plates or new 96-lane notched plate. Ideal for gravity-loading techniques where samples are loaded at the top junction of the gel plates rather than inserting the needles between the plates.

#### Catalog No. Product

CGS 8369.76	8-Channel Adjustable Gel Loading Syringe, for 0.2 mm gels
CGS 8370.76	8-Channel Adjustable Gel Loading Syringe, for 0.3 mm gels
CGS 8371.76	8-Channel Adjustable Gel Loading Syringe, for 0.4 mm gels
CGS 8372.76	AGLS Repl. Needle, 0.2 mm, pkg. of 4
CGS 8373.76	AGLS Repl. Needle, 0.3 mm, pkg. of 4
CGS 8374.76	AGLS Repl. Needle, 0.4 mm, pkg. of 4
CGS 8375.76	Needle Cleaning Wires for 0.2 and 0.3 mm Needles, pkg. of 10
CGS 8376.76	Needle Cleaning Wires for 0.4 mm Needles, pkg. of 10