

Replace Your Gels with Pippin Prep for Faster, More Accurate Sizing on the Ion Torrent Platform



ion compatible

The Pippin Prep from Sage Science is an ideal solution for DNA sizing on the Ion Torrent platform. Using automated preparative electrophoresis, you can expect a higher quality of amplification and more uniform particle templates for your sequencing workflow.

Advantages of using Pippin Prep with your Ion Torrent sequencer:

- Save Time and Money - tightly and cleanly sized cuts provide more sequence per run
- Higher Quality of Amplification - reduced emPCR bias toward smaller fragments
- Speed up sample prep - collect 300 bp in 30 minutes, 500 bp in 35 minutes
- Superior yield - high sample recoveries enable the use of Ion Torrent for samples with little starting material such as ChIP
- Excellent accuracy and reproducibility - errors in accuracy and reproducibility are 3% or less under 1 kb

Now- 300 bp collections in less than 30 minutes!

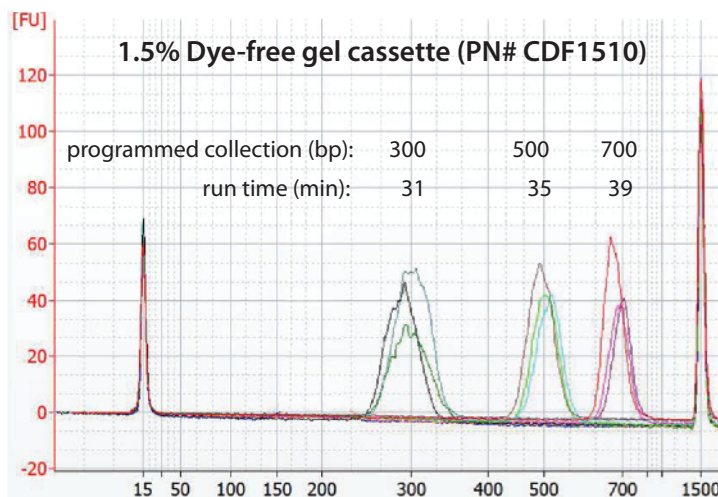


Figure 1. Analytical traces of triplicate size cuts demonstrate speed and accuracy of collections.

Tight sizing and removal of LMW shoulder = higher quality template amplification

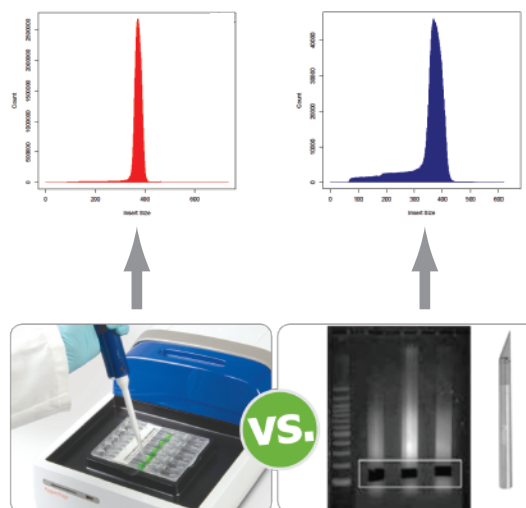


Figure 2. Insert size histograms comparing a typical Pippin collection to a typical manual gel purification.

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