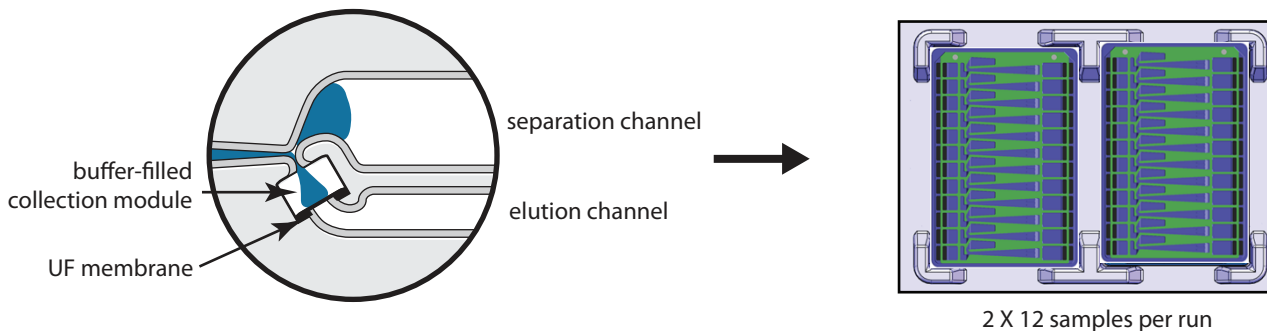# PippinHT™
DNA Size Selection for NGS

Collect up to 24 Size-Selected DNA Fractions in 30 Minutes

Benefits:

o Generates higher-quality libraries for improved sequence informatics

o Fragment sizes and ranges are reproducibly collected, providing consistent results, run-to-run

o Flexible programming allows collection of multiple size ranges, or up to 24 collections of the same fragment range

Automated Preparative Electrophoresis

buffer-filled collection module

UF membrane

separation channel

elution channel

2 X 12 samples per run

Sage Science's proprietary technology, featuring electro-elution from agarose, has been configured to run 12 samples on an SBS-footprint gel cassette— *for higher-throughput workflows and with a lower cost per sample.*

Specifications:

Sample Capacity	Maximum Sample Load	Run Times	Target Range	Min. Size Distribution as Expressed by (CV)	Accuracy*	Reproducibility**
12 samples/cassette	1.5 µg	25-50 minutes	90 - 2000 bp	≤8%	≥ 90%	≥ 90%
2 cassettes (24 samples)/run		40 min for 500 bp				

* 100% minus the deviation of actual target value (Agilent Bioanalyzer) from software input value divided by the actual value.
** 100% minus 2X standard deviation of replicate samples.

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Take Good Care of Your Library.

sage science

Automated size selection: An indispensable tool for NGS

Selected References Citing Pippin DNA Size Selection

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