



Highly reproducible Illumina libraries

Volta's DNA Library Prep for Illumina™ App offers an automated, streamlined process for efficiently converting DNA of variable quantities into Illumina™ compatible sequencing-ready libraries with minimal bias and artifacts. The App supports whole genome sequencing, whole exome sequencing, and targeted sequencing.

Benefits

- Delivers consistent fragment lengths
- Low duplication rates of <10%
- Robust workflow with <1 in 300 failure rate

App specifications

Input: **50 – 600 ng DNA**

Output: **Sequencing-ready dsDNA libraries**

Hands-on time: **Less than 30 minutes**

Walk-away time: **3 hours**

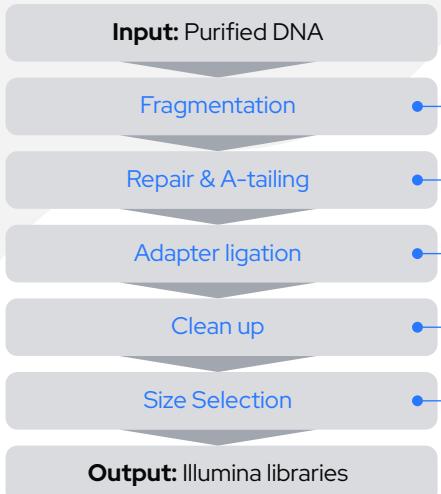
Throughput: **Flexible, 4 – 24 rxns in a single run**

Chemistry: **DNA Library Prep for Illumina (LP0002)**



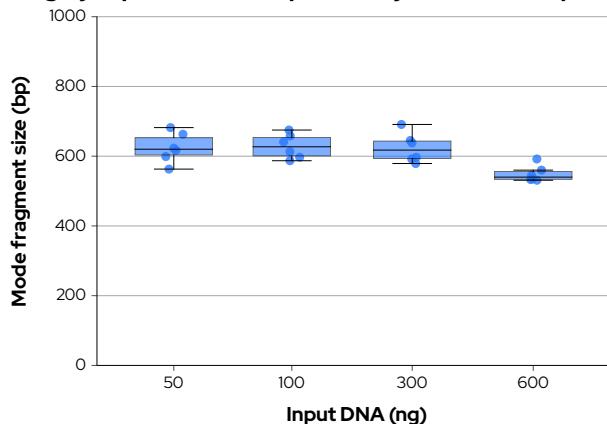
The Volta Labs Callisto Sample Prep System offers robust and versatile library preparation through preloaded apps for high-quality short-read sequencing.

Workflow steps

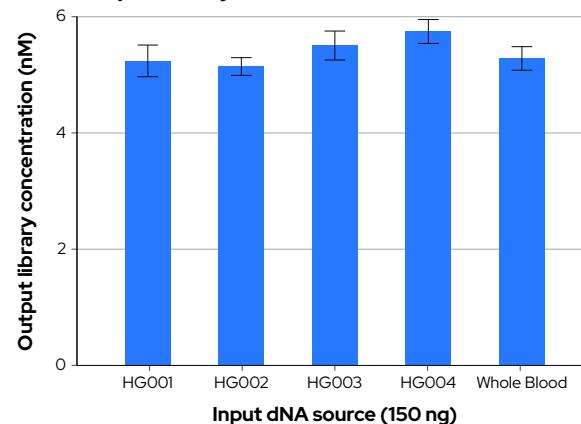


The Callisto™ Sample Prep System produces high-quality Illumina libraries

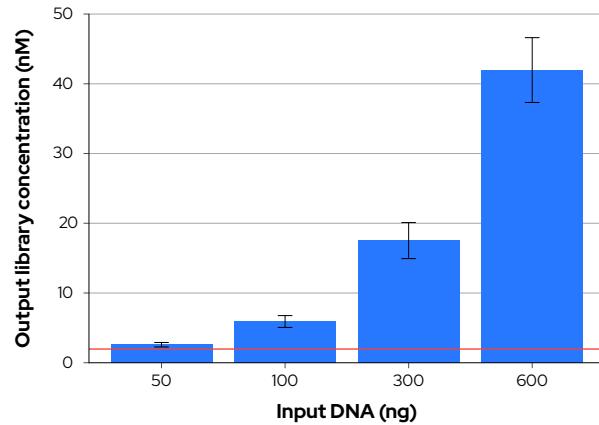
Highly reproducible output library size across input masses



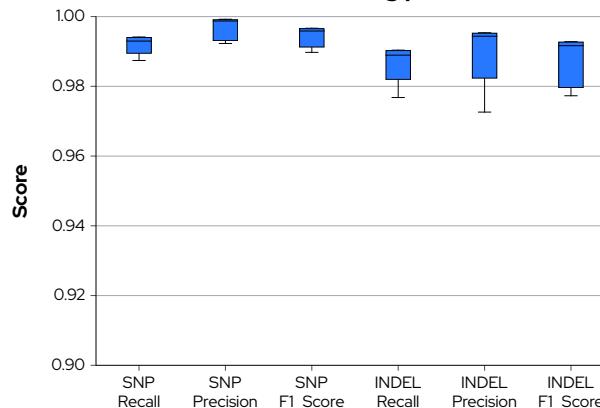
Equivalent yield from various DNA sources



Compatible with 50 – 600 ng of input DNA



Robust variant calling performance



Ordering information

Part number	Product	Description
C0001	Callisto™ Sample Prep System	Sample prep instrument
LP0002	DNA Library Prep for Illumina - 96 rxns	Reagents, consumables, and VoltaNodes required for 96 reactions
LP0004	DNA Library Prep for Illumina - 480 rxns, HT	Reagents, consumables, and VoltaNodes required for 480 reactions

LP0002 includes all reagents and Volta consumables required to process DNA into sequence-ready Illumina libraries.

