

## Key Benefits

### Faster Turnaround:

Enriched, sequencer-ready libraries in 6 hours

### Uncompromised Performance:

The uniform coverage and on-target specificity you expect from Twist chemistry—now at Fast Hyb speed

### Simpler workflow:

Streamlined capture anyone in the lab can run, with consistent, operator-independent results

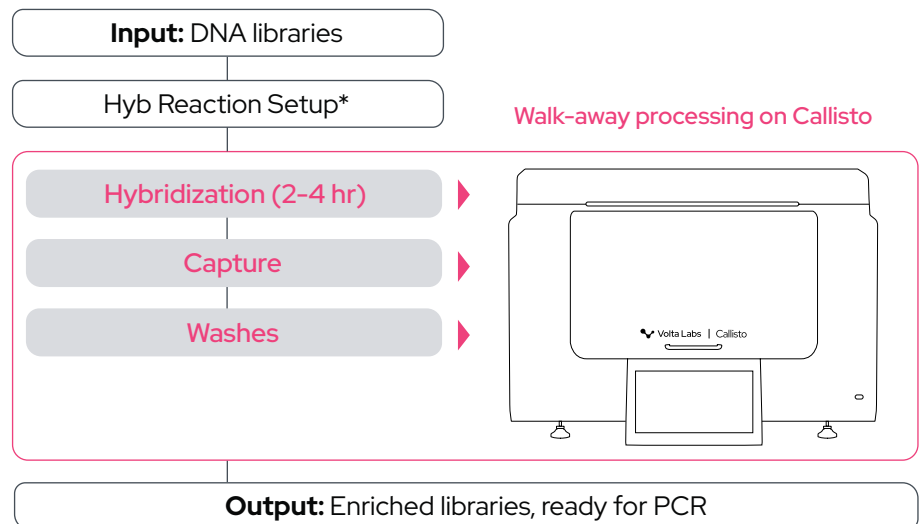


# Same-Day Enrichment, Without Compromise

**The Twist Fast Hybridization** workflow delivers highly enriched libraries in as little as 6 hours—compressing a traditionally overnight, multi-step protocol into a single day.

After a brief bench setup of the hybridization reactions, Callisto automates the rest: the two-to-four-hour hybridization, target capture, heated washes, and PCR setup. Libraries come off Callisto only for PCR amplification, then optionally return for automated post-PCR cleanup.

## Workflow steps



\*Load Volta consumables

## App specifications

### Samples & Throughput

Input:	500 ng - 1.5 µg DNA libraries
Multiplexing:	Flexible, 1-8 libraries
Throughput:	4 captures/run

### Speed

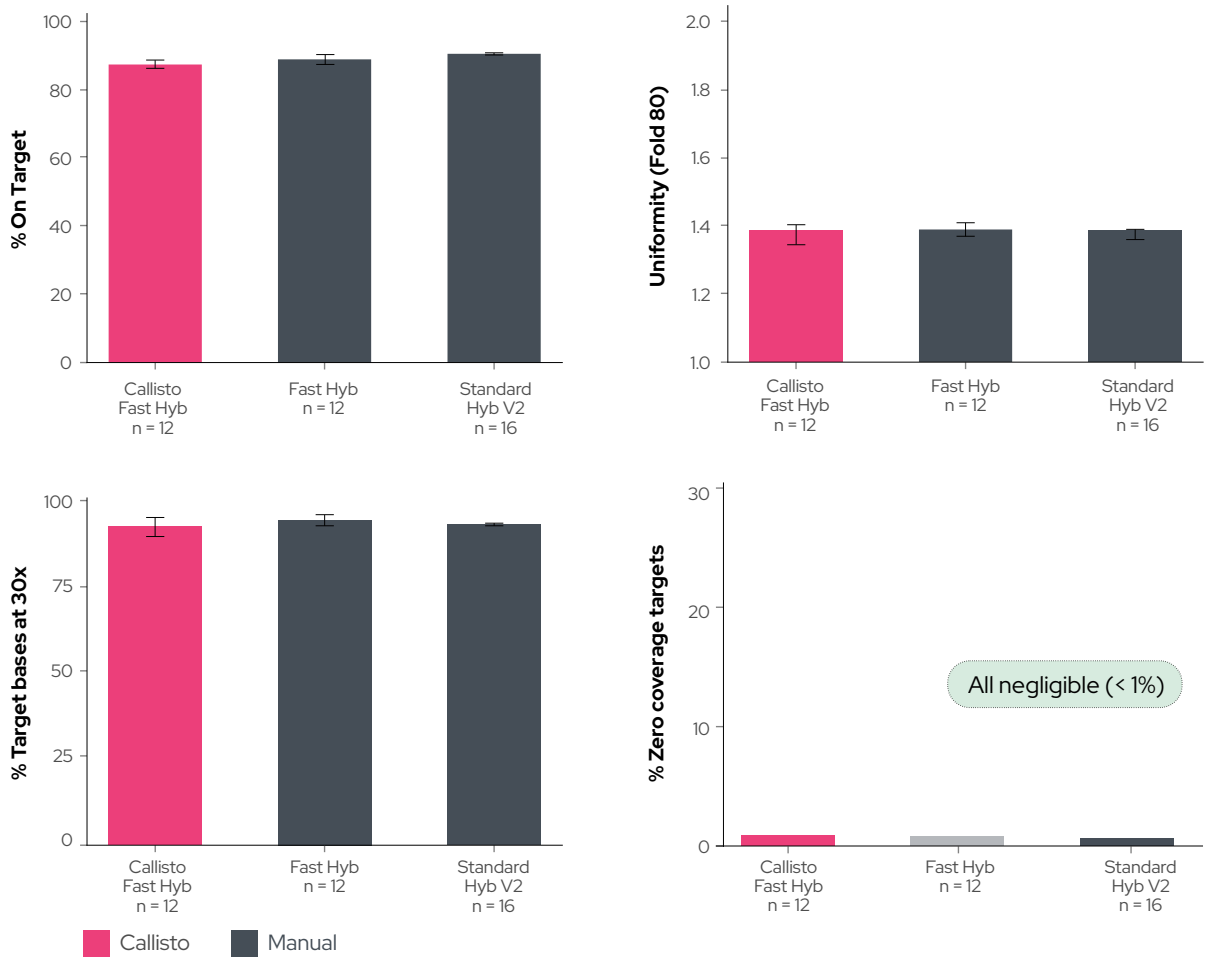
Hands-on time:	< 30 mins
Total workflow time:	6-8 hr (2 hr hyb → 6 hr; 4 hr hyb → 8 hr)

### Chemistry & Output

Panel:	Twist exome and custom hybridization panels
Chemistry:	Twist Fast Hyb Kit
Output:	Enriched libraries ready for PCR

### Uniformity and on-target rates match manual Twist workflows

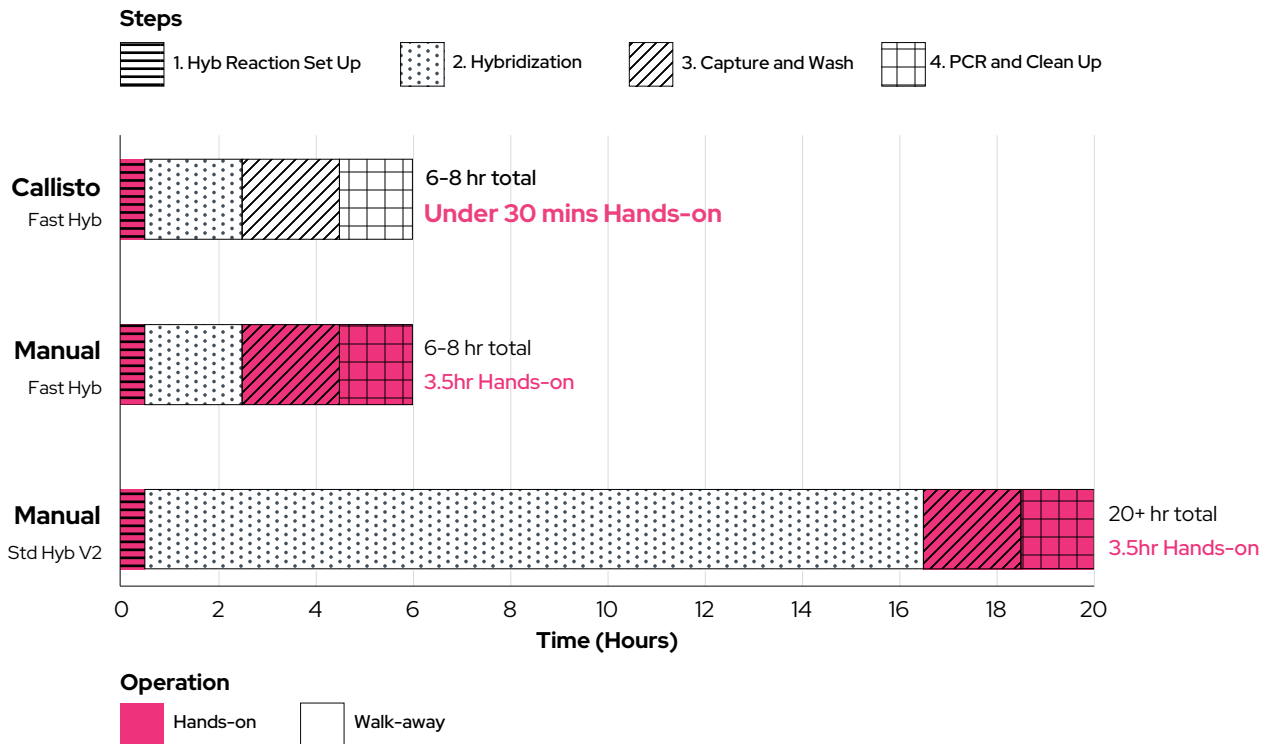
Callisto Fast Hyb App delivers on-target rate, uniformity (Fold-80), 30x target coverage, and zero-coverage targets comparable to manual Twist Standard Hyb v2 and Fast Hyb workflows. Data shown for the Twist Exome 2.0 panel, downsampled to 40 million reads.



## TWIST FAST HYBRIDIZATION CAPTURE

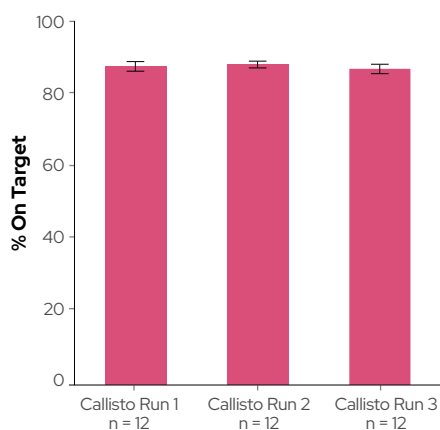
### Same-day enrichment with under 30 minutes hands-on

Callisto compresses a long, complex manual protocol into a streamlined, walk-away workflow—taking enriched libraries from load to sequencer-ready in a single day. Its ease of use also speeds adoption, minimizing the training needed to bring hybridization capture into your lab.



### Highly reproducible run to run performance, with consistent on-target rates

Across three independent Callisto runs (12 libraries each), on-target rates remained tightly clustered with a coefficient of variation of 2%, confirming consistent enrichment performance run to run. Data shown for the Twist Exome 2.0 panel.



## Ordering information



Part number	Product	Description
HC0003	Callisto Kit for Twist Fast Hybridization Capture - 12 rxns	Accessory Kit for 12 reactions

HC0003 does not include Twist reagents, which should be purchased directly from Twist Bioscience\*.

Please contact [sales@votalabs.co](mailto:sales@votalabs.co) to purchase, or scan the QR code to learn more



Part number	Product	Description
116616	Twist Fast Hyb and Wash Kit with TrueAmp Mix, 12 Reactions	Twist Bioscience*
100578	Twist Universal Blockers, 12 rxn	Twist Bioscience*
100983	Twist Binding and Purification Beads, 12 rxn	Twist Bioscience*
N/A	Twist Hybridization Capture Panels	Twist Bioscience*

\*Please contact Twist Bioscience directly to purchase these reagents.

Simply contact [sales@twistbioscience.com](mailto:sales@twistbioscience.com) for more information, or learn more at [twistbioscience.com/products/ngs](https://twistbioscience.com/products/ngs)