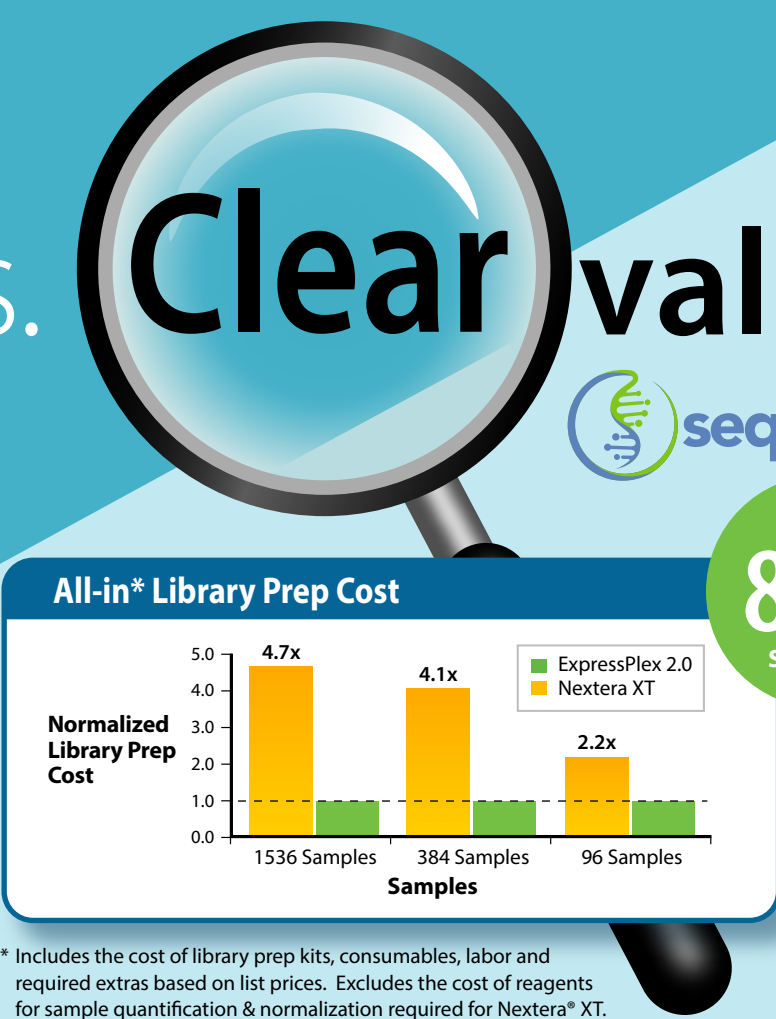


ExpressPlex™ 2.0

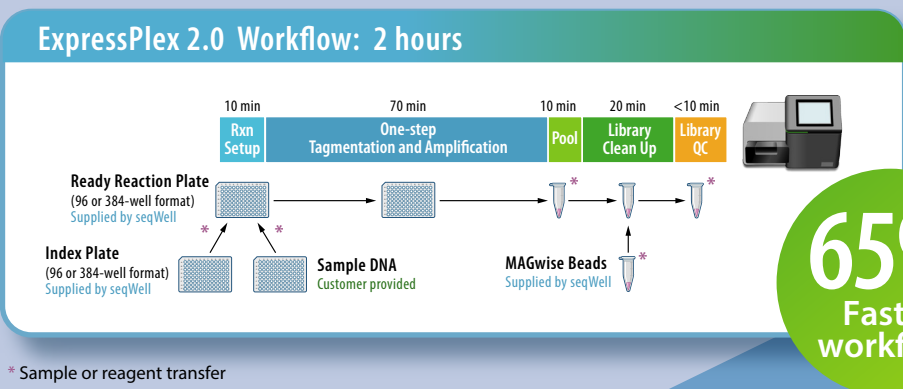
Hidden savings. Clear value.

Explore just how simple the ExpressPlex workflow is and the hidden savings it brings that add up to a clear value.

- Protocol simplicity
- Labor savings
- Time savings
- Consumables savings
- Total cost savings



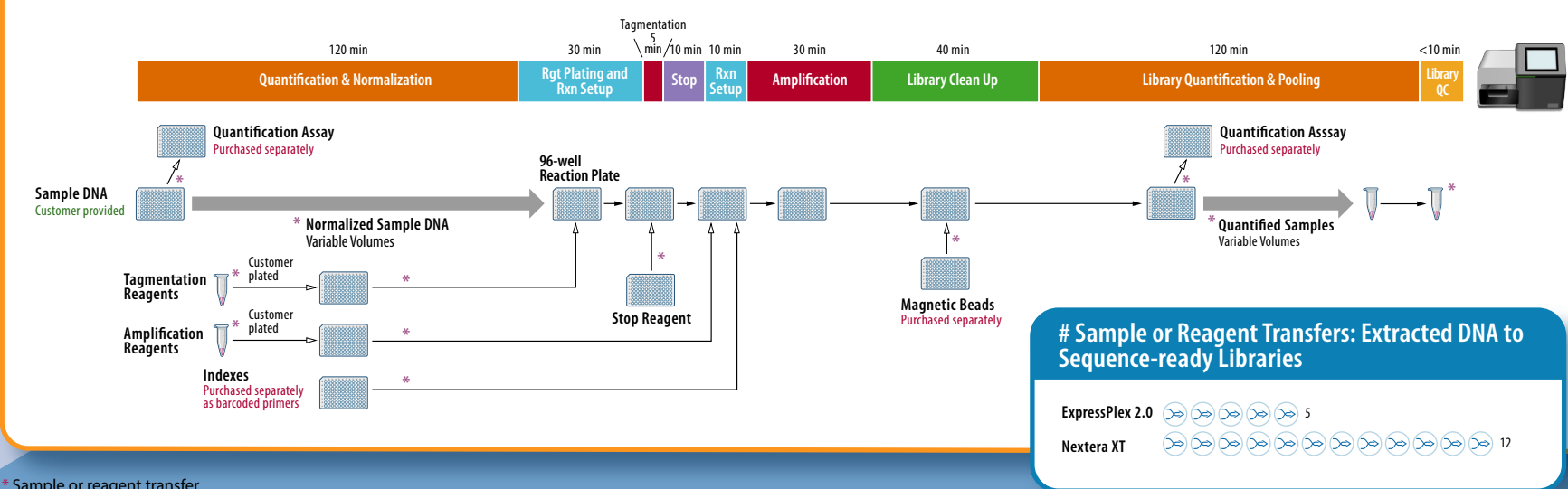
Protocol Simplicity



- Auto-normalization
- Index and Ready Reaction plates provided
- One-step tagmentation/amplification
- Early sample pooling

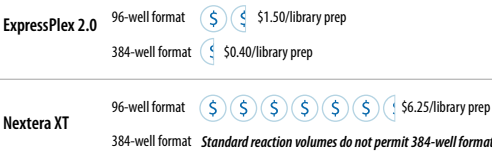
65% Faster workflow

Nextera XT Workflow: 6.3 hours

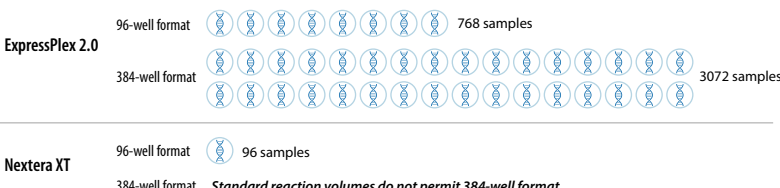


Labor Savings

FTE Cost per Library Prep* in 8-hour Workday



Maximum** Number of Library Preps in 8-hour Workday/FTE



* based on \$600/8-hour day

** assumes similar automated liquid handling capabilities and availability of 4 thermocyclers

Save 90%

on high throughput library prep labor costs

- Auto-normalization
- Pre-plated reagents
- Fewer sample touchpoints
- Early pooling

90% Fewer consumables

>90% Cost savings



Consumables Savings

- Early pooling
- Pre-plated reagents
- ‘Think Green’ protocols address sustainability

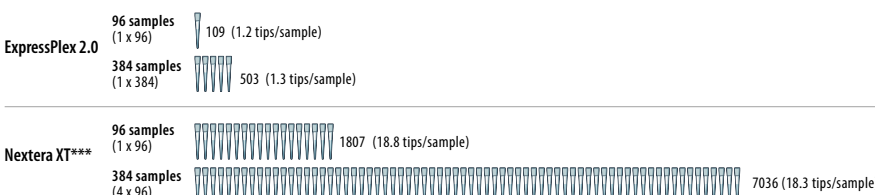
Total # Plastics*/384 Samples



Total Consumable Cost: 384 Samples - Automated Workflow (USD)



Total # Tips Required - Automated Workflow



* includes PCR plates, plate seals, single tubes, reservoirs, and/or 8-strip tubes

** includes tips and plastics required for full workflow including reagent plating, quantification, and normalization

*** includes tips required for full workflow including reagent plating, quantification, and normalization

Time Savings

- Rapid protocol
- Automation-friendly
- 96-well or 384-well format
- Runs simultaneous workflows
- Higher multiplexing potential

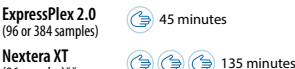
Time to Sequencing Data* – 1536 Samples



Total Workflow Time: Extracted DNA to Sequence-ready Libraries (Hours)



Hands-on Time: Automated Workflow Extracted DNA to Sequence-ready Libraries (Min)



Multiplexing Potential (# Unique Indexes***)



* throughput constrained by number of library prep workflows possible per 8-hour workday, and the number of unique indexes available as catalog products

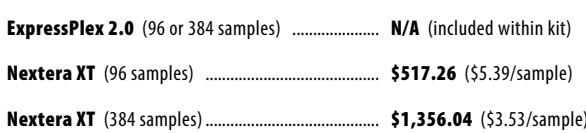
** standard reaction volumes do not permit running Nextera XT in 384-well format

*** available as catalog products

Total Cost Savings

- All reagents included in kit
- Lower consumables cost
- Less labor required

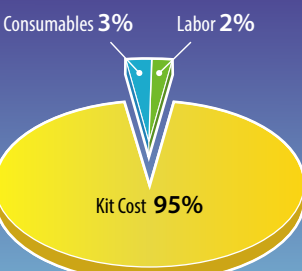
Extras*: Indexing Primers & Purification Bead Cost**/Samples



* excludes the cost of reagents for sample quantification required 2x per sample for Nextera XT

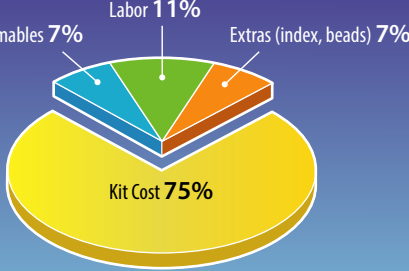
** based on Illumina list prices for Nextera Index Kit & Purification Beads

ExpressPlex 2.0



>85% in hidden savings

Nextera XT



That's a clear value!