THE DIFFERENCE OF
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ONE RESEARCHER, ONE SORTER, ONE CELL, MANY DISCOVERIES. BD is dedicated to developing easy-to-use cell sorting technologies that simplify accurate and reliable flow cytometry. The BD FACS Melody™ cell sorter introduces a powerful combination of high performance, reproducible results and automated ease of use from a brand whose integrated flow cytometry portfolio and rigorous standards you can trust. BD FACS Melody is an affordable cell sorters that requires minimal training making it an ideal solution to advance your research. Its software guides the operator through every step, with a system sort readiness of less than 17 minutes for optimal timeliness. Designed to improve efficiency and throughput, it comes with the full suite of BD service and support to help you maximize your investment. Learn more about the one cell sorter that is easy to learn, to use and to maintain. Discover the difference one company can make. Discover the new BD.

Learn more about the Difference of One at bd.com/GR-SimpleSort

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Retain More Sequencing Data with Molecular Identifiers

Accel-NGS® 2S MID Indexing Kits

Molecular Identifier (MID) technology paired with Accel-NGS 2S DNA Library Kits maximize your ability to confidently detect low frequency mutations.

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- Improve detection of low frequency alleles
- Compatible with exome sequencing
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Detect SNPs, indels, fusions, and more

Ion AmpliSeq™ targeted sequencing panels, combined with an Ion Torrent™ next-generation sequencing system, enable high-throughput analysis of many genes and can help detect multiple mutation types (SNPs, indels, and copy number variants) in a single panel.

See how Ion AmpliSeq chemistry works at thermofisher.com/ampliseq

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Custom PNA Synthesis

PNA (Peptide Nucleic Acid) is an artificially synthesized polymer similar to DNA or RNA. The various purine and pyrimidine bases are linked to the backbone by methylene carbonyl bonds as in peptides. Since PNA contains no charged phosphate groups, the binding between PNA and DNA is stronger than that between DNA and DNA due to the lack of electrostatic repulsion. PNA is resistant to DNases and proteases, and is extremely stable in vivo as well as in vitro.

PNA Applications

- Sequence specific PCR blocker (PNA clamp)
- FISH probes for telomere, centromere, gene specific probes, infection test
- Anti-sense/ anti-microbial reagents
- miRNA inhibitors
- Double strand DNA invasion & capture
- Microarray probes

PNA Order

- The price of custom oligo is dependent on the length, amount and label
- HPLC and MALDI-TOF data will be provided
- Synthesis scales: 50 nmole, 100 nmole, and 200 nmole
- Purity: >90%, and >95%
- Turn-around: 2~3 weeks for the most cases
Miniaturize Nextera Library Prep Reactions
with Echo® Acoustic Liquid Handling

Reduce Sequencing Costs

Echo® Liquid Handlers use acoustic energy to transfer nanoliter volumes of reagents, allowing the reduction of NGS library preparation reaction volumes. Dramatically reduce reagent costs, save samples, and eliminate steps - all while improving quality and throughput.

- Miniaturize reactions at least 20-fold and significantly reduce cost per sample without sacrificing data quality
- Streamline assay cleanup and sequence more samples in less time for higher throughput and productivity

For more information, visit www.labcyte.com/sequencing.

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