



GENOME ENGINEERING PLATFORMS

Industrialized CRISPR

**Scalable, High-Quality Genome
Engineering Tools and Cell Models**

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Synthego.com/CSHL-Platforms



DNA METHYLATION CONTROLS

Keep Your DNA Methylation Experiments in Control

AVAILABLE CONTROLS

- High or Low Methylated DNA
- Methylation Calibration Standards
- Human, Mouse, Rat, Monkey, and Custom-Made Controls



DNA METHYLATION ANALYSIS

Targeted Bisulfite NGS (tNGBS)

- Single base-pair resolution
- Provide β -value methylation results
- High coverage with average >500x and a minimum 100x

Pyrosequencing Methylation Analysis

- Quantitative, accurate, and cost-effective



DNA METHYLATION ASSAY KITS

Line-1 Global Methylation Assay

- Represents ~17% of the human genome
- Serves as global methylation markers
- Compatible: MS-HRM, tNGBS, and Pyrosequencing

Foxp3 Methylation Assay Panels

- Quantify methylation levels in Treg signature genes, including Foxp3, CTLA4, IL2RA (CD25)
- Compatible: MS-HRM, tNGBS, and Pyrosequencing

GET IN TOUCH

800.941.6884 508.497.9400

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SOLUTIONS FOR EPIGENETICS RESEARCH



PrimeIAMP™ Basic Lyophilized Isothermal Amplification Microbeads

Ultimate solution for DNA/RNA detection under constant temperature

PrimeIAMP™ Basic Lyophilized Isothermal Amplification Microbeads contain reaction buffer, Mg^{2+} , dNTP, Bst DNA/RNA polymerase, and so on in the lyophilized form. Only primers and templates are needed to be added for the isothermal amplification. As the basic version of PrimeIAMP™ Lyophilized Isothermal Amplification Microbeads series, this version does not contain any dyes and can be flexibly used for various isothermal amplification applications. PrimeIAMP™ Basic Lyophilized Isothermal Amplification Microbeads can be stored at room temperature ($25^{\circ}C$) for a year.

Features

Simpler Operation

As a ready-to-use mastermix, only primers and templates are needed to be added for the isothermal amplification.

Better Sensitivity

With optimized reaction buffer, the sensitivity of the reaction system is greatly improved.

Easier Transportation

Lyophilized Isothermal Amplification Microbeads can be stored at room temperature ($25^{\circ}C$) for 6 months.

Higher Specificity

With our unique Bst DNA/RNA Polymerase, low-sensitivity RNA molecules can be detected easily.

Capture the entire transcriptome— in a single library.

Introducing the **new** SEQuoia Complete Stranded RNA Library Prep Kit for NGS.



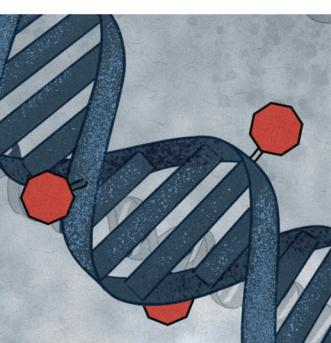
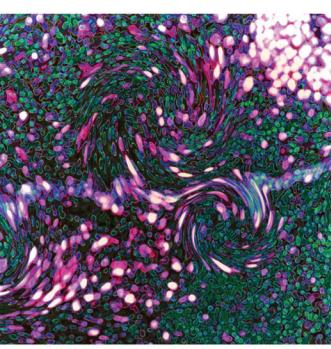
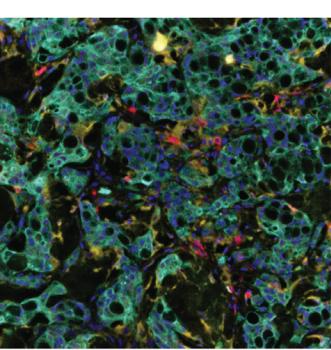
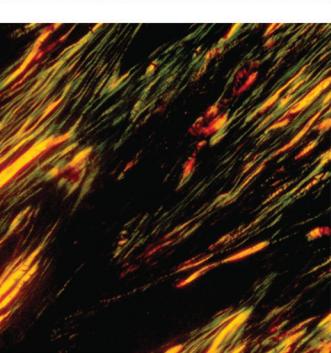
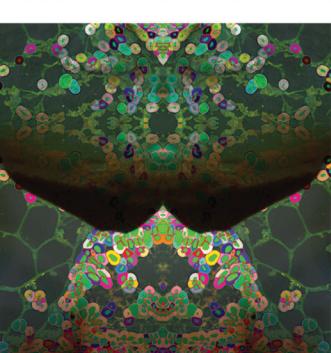
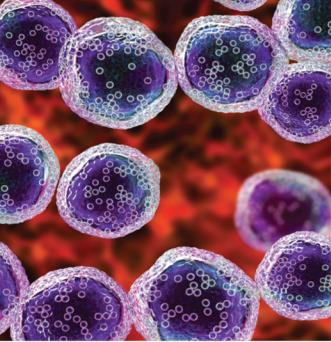
It's new. It's different. And it's only from Bio-Rad.

The SEQuoia Complete Stranded RNA Library Prep kit gives you a truly holistic view of the transcriptome, capturing all types of RNAs (long, short, and everything in between) from all types of samples in less than 4 hours. With unparalleled uniformity of coverage, strandedness, and efficiency, what you will discover will definitely surprise you.

Are you ready for a new approach to transcriptomics? Get the details at biorad.com/completeRNAlibraryprep

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for Cancer Research®

2022 SCIENTIFIC CONFERENCES

Presenting the most significant research on cancer etiology,
prevention, diagnosis, and treatment

**Third AACR International Meeting on the
Advances in Malignant Lymphoma:
Maximizing the Basic-Translational
Interface for Clinical Application**

June 23-26, 2022 | Boston, MA

Conference Chairs: Riccardo Dalla-Favera
and Sonali M. Smith

**Seventh JCA-AACR Special Joint
Conference on the Latest Advances in
Pancreatic Cancer Research: From Basic
Science to Therapeutics**

July 8-10, 2022 | Kyoto, Japan

Organizing Committee: Kohei Miyazono,
Masanobu Oshima, Hiroshi Seno,
Elizabeth M. Jaffee, Anirban Maitra,
and Rosalie C. Sears

**Rethinking DCIS: An Opportunity
for Prevention?**

September 8-11, 2022 | Philadelphia, PA

Conference Cochairs: Lisa M. Coussens,
Laura J. Esserman, Kornelia Polyak,
and Jorge S. Reis-Filho

**AACR Special Conference:
Pancreatic Cancer**

September 13-16, 2022 | Boston, MA

Conference Cochairs: Andrew M. Lowy,
Marina Pasca di Magliano,
Robert H. Vonderheide, and Jen Jen Yeh

**15th AACR Conference on The Science of
Cancer Health Disparities in Racial/Ethnic
Minorities and the Medically Underserved**

September 16-19, 2022 | Philadelphia, PA

Conference Cochairs: Kevin L. Gardner,
K. Sean Kimbro, Martin Mendoza,
Camille C. R. Ragin, and Claradina Soto

**Sixth CRI-ENCI-AACR International
Cancer Immunotherapy Conference:
Translating Science into Survival**

September 28-October 1, 2022 | New York, NY

Conference Cochairs: Özlem Türeci,
E. John Wherry, and Jedd D. Wolchok

**AACR Special Conference:
Colorectal Cancer**

October 1-4, 2022 | Portland, OR

Conference Cochairs: Jiyoung Ahn,
Robert J. Coffey, and Scott Kopetz

Cancer Epigenomics

October 6-8, 2022 | Washington, D.C.

Conference Cochairs: Scott A. Armstrong,
Howard Y. Chang, Arul M. Chinnaiyan,
and Margaret A. Goodell

Due to the nature of the COVID-19 pandemic, dates may be subject to change.

Learn more and register at
AACR.org/Calendar

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- ✓ Excellent grip in wet conditions
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