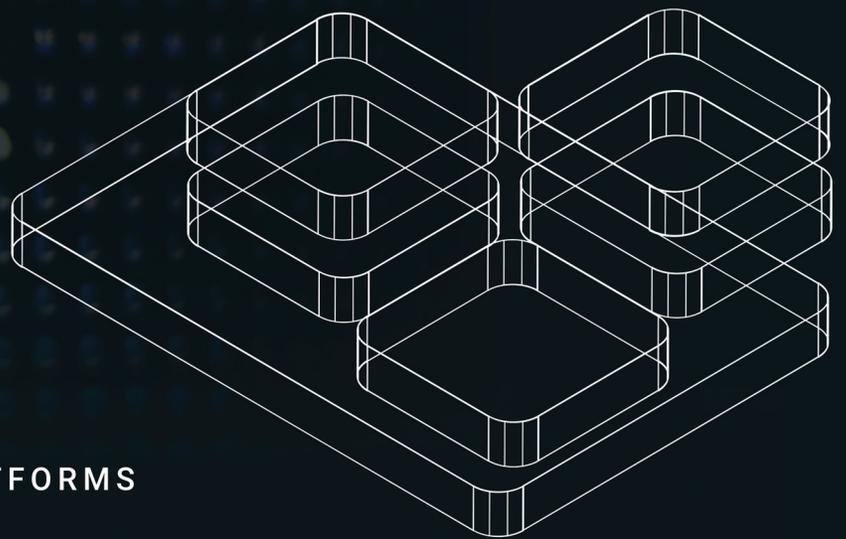


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# PrimeAmp™ HNB Lyophilized Isothermal Amplification Microbeads

Premium solution for colorimetric DNA/RNA detection

**PrimeAmp™ HNB Lyophilized Isothermal Amplification Microbeads** contain reaction buffer, HNB,  $Mg^{2+}$ , 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. After amplification, the positive samples are **sky blue**, while the negative samples are **violet**. The results can be directly observed by naked eyes without any other auxiliary equipment. PrimeAmp™ HNB Lyophilized Isothermal Amplification Microbeads can be stored at room temperature (25°C) for 6 months.

## Features

### Robust System

This product is less affected by sample buffer salt and pH compared with products based on pH colorimetric method.

### 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.

### Clearer Observable Results

The positive samples are **sky blue**, while the negative samples are **violet**. The results can be directly observed by naked.

### Higher Specificity

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

### Easier Transportation

Lyophilized Isothermal Amplification Microbeads can be stored at room temperature (25°C) for 6 months.

Low background.  
*High reproducibility.*  
Hard-Shell Plates.



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Bio-Rad offers a large selection of PCR tubes and plates, seals, and accessories for a variety of applications. Our PCR consumables are precisely manufactured to ensure efficiency, reproducibility, and reliability at each step of discovery, development, and manufacturing. The quality of PCR plastics matters — plate uniformity minimizes data variability, and white well options maximize qPCR sensitivity. Our plastic consumables are certified to be free of DNase, RNase, and human genomic DNA. Be confident in your PCR, qPCR, and next-generation sequencing research with our high-quality plastics.

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# 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  $\beta$ -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

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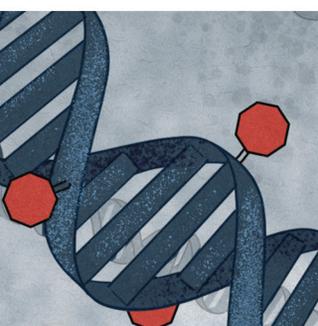
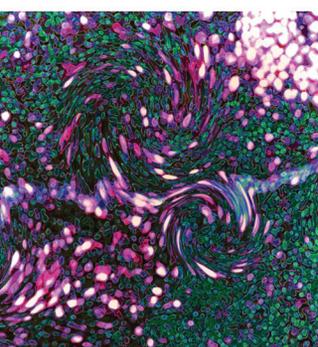
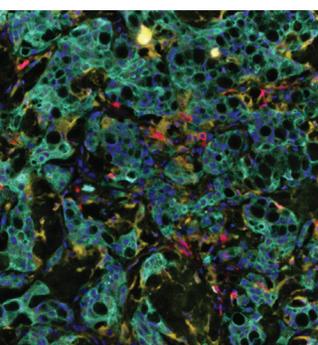
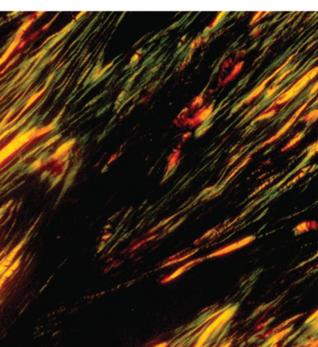
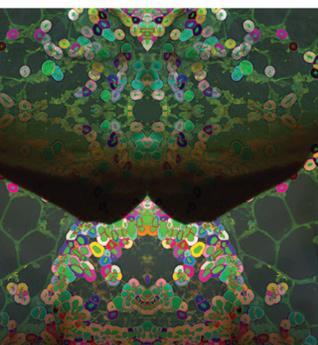
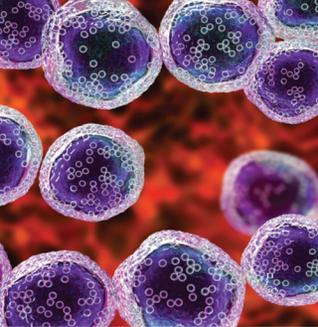


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for Cancer Research®

# 2022 SCIENTIFIC CONFERENCES

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

## **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

## **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

## **Colorectal Cancer**

**October 1-4, 2022 | Portland, OR**

Conference Cochairs: Jiyoun 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

## **Tumor Immunology and Immunotherapy**

**October 21-24, 2022 | Boston, MA**

Conference Cochairs: Thomas F. Gajewski,  
Jennifer A. Wargo, and Jedd D. Wolchok

## **Innovation and Biomarkers in Cancer Drug Development (IBCD): A Joint Meeting Presented by the EORTC, NCI, EMA, and AACR**

**October 25, 2022 | Barcelona, Spain**

Scientific Committee Cochairs: Roberto Salgado,  
Tracy G. Lively, and David B. Solit

## **EORTC-NCI-AACR Molecular Targets and Cancer Therapeutics Symposium**

**October 26-28, 2022 | Barcelona, Spain**

Scientific Committee Cochairs: Ruth Plummer,  
James L. Gulley, and Lillian L. Siu

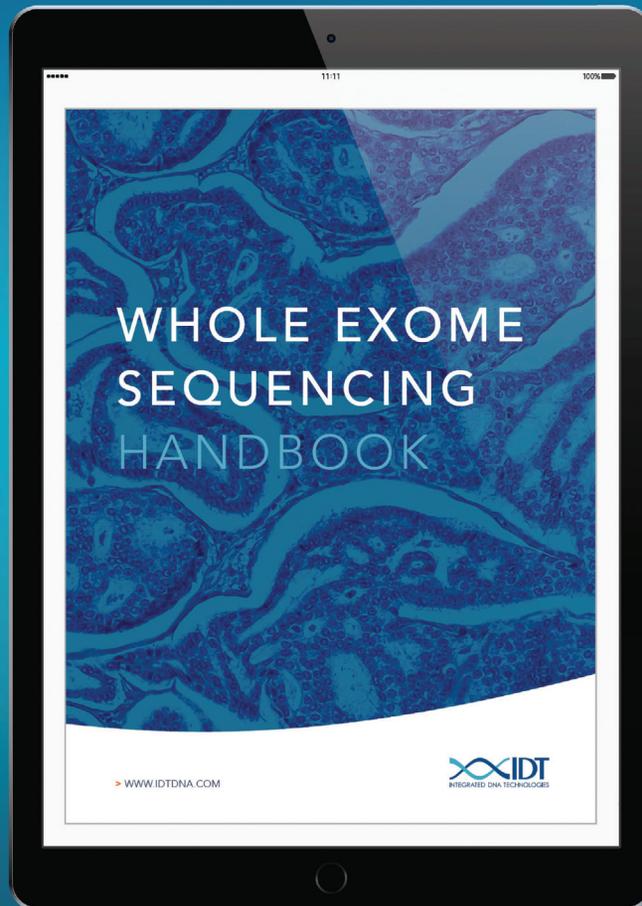
*Due to the nature of the COVID-19 pandemic, dates may be subject to change.*

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