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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.



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

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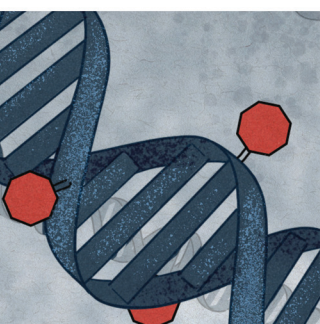
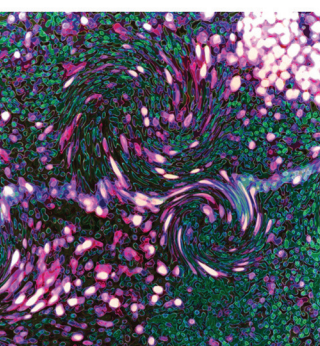
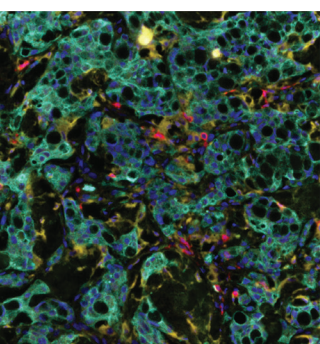
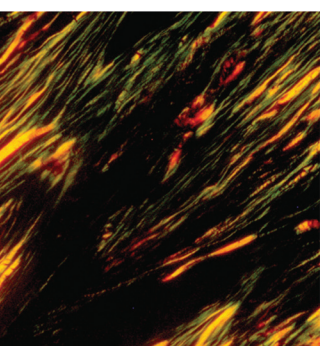
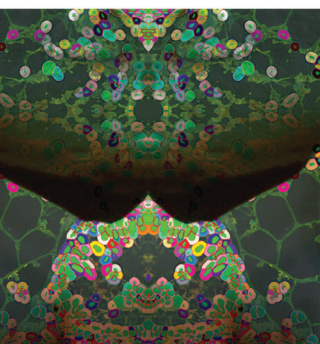
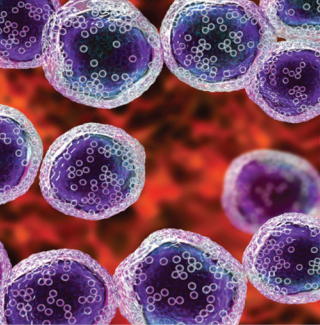
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2022 SCIENTIFIC CONFERENCES

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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: 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

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.

Learn more and register at
[AACR.org/Calendar](https://aacr.org/calendar)

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