



800.941.6884 | WWW.LABS.EPIGENDX.COM



Solutions for Genomic and Epigenomic Research

Services, Kits & Custom Assay Designs

EXPERTS IN DNA METHYLATION

With over 15 years of combined clinical genomics experience, our medical and scientific teams are ready to help you take your projects from concept through to data delivery and interpretation. EpigenDx's capacity and experience make us the perfect partner during pre-clinical research and development stages of the diagnostic method development.



DNA METHYLATION ANALYSIS

Bisulfite Pyrosequencing

Quantify gene-specific and global methylation levels of individual CpG sites at high resolution and accuracy.

Targeted Bisulfite NGS

Quantify DNA methylation in multiple targets simultaneously at single base-pair resolution.

Global DNA Methylation

Genome-wide methylation screening or quantify global methylation level of Line-1 elements.

Custom Assay - Study DNA methylation level at request target genes.

- Worldwide experts in the field of FOXP3 epigenetics
- Personalized, flexible project plans designed around your needs
- Experienced bisulfite sequencing technicians
- Quantitative techniques to analyze DNA methylation
- High-throughput, high-quality data: 100-5000x read coverage per CpG site
- And much more!

Bst DNA/RNA Polymerase

At the Core of Isothermal Amplification

Bst DNA/RNA Polymerase is suitable for isothermal amplification reaction of both DNA and RNA templates, which can detect low-sensitivity nucleic acid templates with great efficiency and specificity. Besides, with special preparation process, this enzyme has fast amplification rate and high tolerance to impurity.



Features

Higher Specificity

By unique negative control technique

Better Sensitivity

By optimized reaction buffer

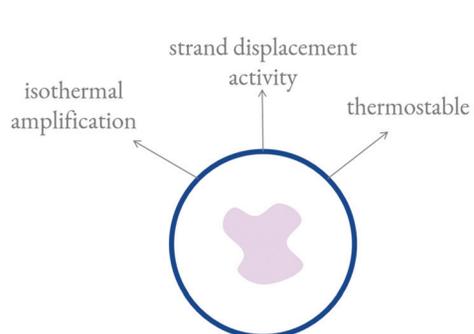
Lower False Positive Rate

By strong recognition ability to dUTP

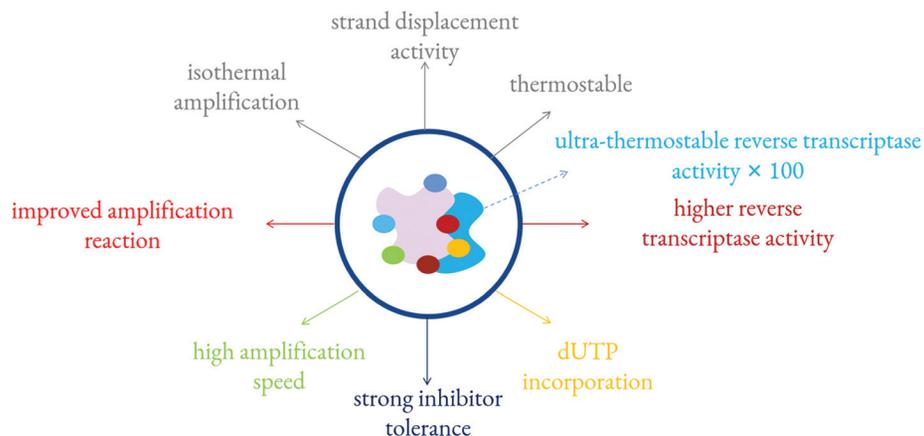
Lyophilized Version Available

By advanced freeze-drying technology

Comparison



common Bst DNA Polymerase



our **Bst DNA/RNA Polymerase**

**DECODING
CANCER COMPLEXITY**

**INTEGRATING
SCIENCE**

**TRANSFORMING
PATIENT OUTCOMES**

AACR

American Association
for Cancer Research®

**ANNUAL
MEETING**
2022 *New Orleans*

APRIL 8-13

We look forward to welcoming you back in-person to the world's most important and comprehensive meeting dedicated to the research, prevention, and treatment of cancer. Join us in New Orleans in April as we also kick off the 115th Anniversary of the AACR.

We are taking great care in preparing this safe and robust AACR Annual Meeting 2022 to inspire innovation and collaboration from researchers from around the world. This is an event not to be missed!

› **Late-Breaking and Clinical Trials
Abstract Submission Deadline:**
Monday, January 10, 2022

› **Become a Member!**
Join the AACR and receive
a discount on registration.

AACR.org > #AACR22



AACR.org/AACR2022



Continuing Medical Education Activity -
AMA PRA Category 1 Credits™ available



PROOF-OF-PERFORMANCE
POP Program

Learn about our
Proof-of-Performance (POP) Program
at www.purigenbio.com/pop

IONIC® FFPE Complete Purification

Purify RNA and DNA from FFPE with 75% Less Hands-on Time

a complete purification solution for FFPE samples

The new **Ionic® FFPE Complete Purification Kit** from Purigen Biosystems provides simultaneous purification of DNA and RNA, including miRNA, from FFPE tissues. While most technologies use a serial approach to separately isolate DNA and RNA, this new kit enables a single, automated workflow using the Ionic® Purification System that requires 75% less hands on time.

- Simple Workflow**
 Extract and purify DNA and RNA from the same FFPE section or scroll in one streamlined workflow
- Purify DNA, mRNA and miRNA**
 RNA purification includes both mRNA, miRNA and other small non-coding RNAs
- Simplify Lysis**
 Deparaffinize, lyse, and de-crosslink in a single reaction without using harsh chemicals
- Improve Reliability**
 Minimize user-to-user variability, cross-contamination, and sample loss

75% Less Hands-on Time*
than conventional methods

	IONIC®	Manual Bead-based	Manual Column-based
Lysis time	1.5 hrs	Overnight	1 hr
RNA isolation	2 hrs	2 hrs	2.5 hrs
DNA isolation	1.7 hrs	3 hrs	3.5 hrs
TOTAL time	5.2 hrs	13 hrs	6.5 hrs
Total hands-on time	1.5 hrs	6 hrs	7 hrs

* Time comparison performed by 3rd-party research laboratory.

For more information, contact info@purigenbio.com.

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www.purigenbio.com/ffpe-complete