

Map the universe of **biology**.

Accelerate discovery
by unlocking the spatial
transcriptome in morphological
regions that matter.

High-plex, high sensitivity, spatial
transcriptomics of any **target**,
any **sample**, any **region**.

GeoMx[®] Whole Transcriptome Atlas



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nanoString[®]

Bst DNA/RNA Polymerase

For 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

Clearer Observable Results
By colorimetric visualization technique

Quality Assurance

| QC Items | Specifications | Results |
|---------------------|--|--|
| Concentration | 8-10 KU/ml | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail |
| Purity | >95% | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail |
| RNase contamination | No degradation under 16 U for 2 μ g total RNA at 25°C for 30 min | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail |
| DNase contamination | No degradation under 16 U for 2 μ g gDNA at 37°C for 60 min | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail |
| Inactive | Complete inactive at 85°C for 5 min | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail |

AMERICAN ASSOCIATION FOR CANCER RESEARCH

JOIN US IN THE GLOBAL CONQUEST OF CANCER!



THE ESSENTIAL ASSOCIATION FOR YOU AND YOUR COLLEAGUES!

WHY YOU SHOULD JOIN:

- **No annual dues required**
for Associate and Student Members
- **Substantially reduced registration rates**
for AACR Annual Meetings and Special Conferences
- **Privilege of sponsoring** an abstract for AACR Annual Meetings
Active, Emeritus, and Honorary members in good standing have the privilege to sponsor an unlimited number of abstracts
- **Exclusive discounts** on subscriptions to AACR's nine renowned peer-reviewed scientific journals
- **Blood Cancer Discovery:** Free digital access for all members
- **Funding and award opportunities**
including career development resources, research fellowships, scholar-in-training awards, and travel grants
- **Professional development**
for early-career investigators and professionals, including education and professional advancement sessions
- **Opportunities to network** and join any of our Association and Scientific Working Groups
- **Free online access to *Cancer Today* magazine**
a resource for cancer patients, survivors, and their family members and friends
- **Collaboration and resources**
through our Survivor and Patient Advocate initiatives

Visit the online portal myAACR.aacr.org
to access AACR services.

Contact the AACR Membership Department
with any questions at membership@aacr.org
or 215-440-9300.

ABOUT THE AACR

The mission of the AACR is to prevent and cure all cancers through research, education, communication, collaboration, funding for cancer research, and science policy and advocacy. AACR's programs and services foster the exchange of knowledge and new ideas among scientists dedicated to cancer research, provide training opportunities for the next generation of cancer researchers, and increase public understanding of cancer.

With over 48,000 members in 127 countries and territories around the world, we firmly believe each member plays an integral role in achieving that mission.

Join our mission.

AACR American Association
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FINDING CURES TOGETHER®

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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-clinal 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 basepair 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!