

Life. STāBILIZED.

Stabilize, Store and Ship Biological Samples at Room Temperature.

Biomatrica has developed a core technology that prevents the degradation of complex biological samples and assays during transport, storage and processing, thus allowing scientists to:

- Obtain more reproducible and reliable experimental results
- Increase efficiency and confidence
- Decrease time needed to obtain results

Biomatrica's SampleMatrix technology, is based on the principles of anhydrobiosis, meaning "life without water."

SampleMatrix transfers the molecular principles of anhydrobiosis to a synthetic chemistry-based stabilization mechanism that works by forming a thermo-stable barrier securely around nucleic acids to provide protection against degradation and loss of biological activity - effectively "shrink-wrapping" the sample until it's ready for use.

Stabilization of biological materials at room temperature.

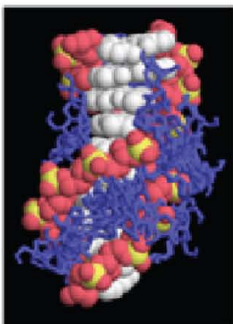
Preservation of sample integrity.

Increase reproducibility and reliability.

Ideal for shipping and long-term storage.

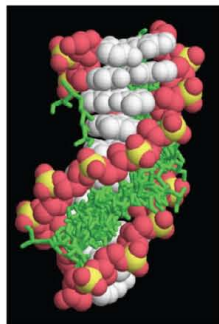
Compatible with any downstream application.

Anhydrobiosis

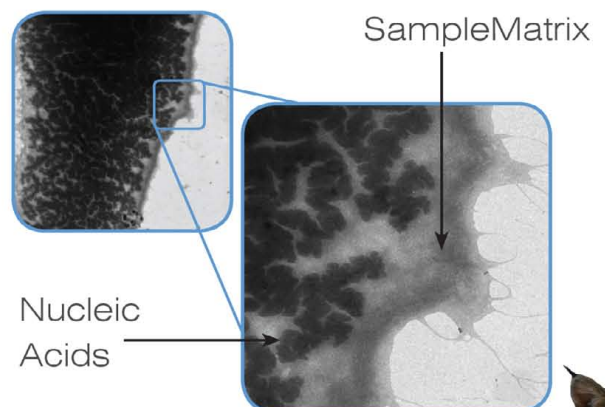


Mimicking nature's molecular stabilization mechanism

Biomatrica Technology



Shrink-Wrapped Biomolecules



Available in Canada from...

MJS
BioLynx
INC.

1-888-593-5969
www.biolynx.ca • tech@biolynx.ca



Nucleic Acid Stabilization Products



Preserve and store purified DNA samples at room temperature for years.



Preserve and store purified RNA samples at room temperature for years.



Preserve and store unpurified bacterial genomic and plasmid DNA at room temperature.



Store and ship live *E. coli* samples at ambient temperatures.



Preserve DNA in tissues and cells at room temperature, in liquid or dry-down formats.

Assay Enhancer Products and Sample Management Software Solutions



Enhance end-point and reverse transcription-PCR performance by 5 fold or more.



Improve your STR multiplexing performance.



For concentrating dilute, aqueous RNA samples to small volumes without sample loss.



An easy-to-use, customizable laboratory management software that provides scientists with the means to store and organize sample data.

Custom Services

Biomatrica stabilization reagents are currently commercially available for RNA, DNA (purified gDNA, DNA in blood or in tissues/cells) and bacterial DNA plasmids in formats suitable for most laboratory needs, such as microtubes and multi-well plates. If there is a specific sample type that you would like to stabilize, we can provide services to optimize a solution. We can also collaborate with you to provide our stabilization reagents in custom formats that integrate with your laboratory workflow, such as strip-tubes or 384 well plates.