FORTIS
LIFE SCIENCES

# Five Reasons to Consider Lyophilized Reagents for Molecular Diagnostics

Lyophilization is a process that immobilizes enzymes and reagents in a solid matrix. As a result, lyophilized products remain stable until they are resuspended and used, which offers an elegant solution for various challenges within molecular diagnostics applications (e.g., cold chain logistics, product storage, shelf life, laboratory workflow efficiencies, etc.).

This infographic will explore the key reasons to consider using lyophilized reagents in your molecular diagnostics workflow.

## Create complete, ready-to-go assays



Ease of use



Reduced errors

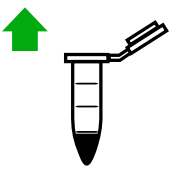


Reduced sample loss

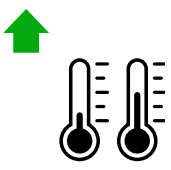


Reduced turnaround time

## Work with stable products



Increased shelf life



Increased temperature tolerance



No cold chain handling, shipping and delivery



Save money

## Protect the environment



No toxic refrigerants and coolants



No dry ice



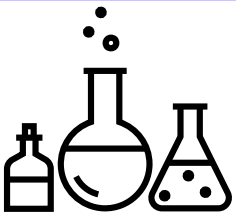
Reduced packaging waste



Reduced energy consumption

## Perform diagnostic tests anywhere





No complex laboratory setting required



Suitable for low-income countries and remote locations



Suitable for point of care testing

## Simplify the molecular diagnostics workflow



No highly skilled staff required



No complex equipment required





Results are quickly reported to patients or providers

The Fortis team has over a decade of experience with custom lyophilization services.

Our in-house biochemistry experts have a thorough understanding of lyophilization mechanisms, which they utilize to work with customers to create optimized reagents for their particular molecular diagnostic project.

Learn more about our **custom lyophilization services.**