

# Desiccated Stabilized Transport System: Viral RNA

The COVID-19 pandemic has revealed the difficulties in providing access to accurate molecular testing to the broad population due to supply chain issues and high level of false negative tests.

A surveillance testing system is required for governments to provide “return to work” guidance. The Covaris Desiccated Stabilized Transport System (DSTS) enables establishing a surveillance testing system with a low cost, stabilized sample collection protocol for centralized analysis and standardized results.

## The Covaris Desiccated Stabilized Transport System:

- Utilizes FDA approved nasopharyngeal dry synthetic flocked swabs or nasal dry synthetic flocked swabs which are readily available (customer to supply)
- Simplifies logistics complexity and reduce shipping and storage cost
- No cold chain logistics required - with storage and shipping for up to 30 days (5 to 37 °C)
- Active sample rehydration and release for improved sensitivity and reproducibility
- Sample collection, stabilization, and rehydration is compatible with most FDA EUA RT-PCR based SARS-CoV-2 assays

## Covaris DSTS => FDA EUA SARS-CoV-2 Workflow



**For more information, contact Covaris today!**