

# **NEW! GENTEGRA® GTR-STM™ SALIVA COLLECTION & TRANSPORT KIT**

**Stabilizes viral RNA at ambient temperature**

In response to the challenges of widespread testing for the SARS CoV-2 virus, GenTegra® has developed a new product based on our successful Active Chemical Protection™ technology. This product, GenTegra® GTR-STM™ addresses several critical needs in collecting, stabilizing, and transporting SARS CoV-2 saliva samples during the expanding worldwide pandemic. GenTegra GTR-STM is a novel viral transport product designed specifically for saliva samples. Interest in saliva as a preferred sample type is rapidly growing.



Large volume COVID-19 testing strategies require a convenient, safe, and accurate sample collection. User convenience, comfort, and safety are the main advantages to saliva. The Yale School of Public Health recently published a paper favorably comparing the sensitivity of saliva vs nasopharyngeal swabs.<sup>(ref)</sup>

## **GenTegra's GTR-STM saliva collection & transport kit**

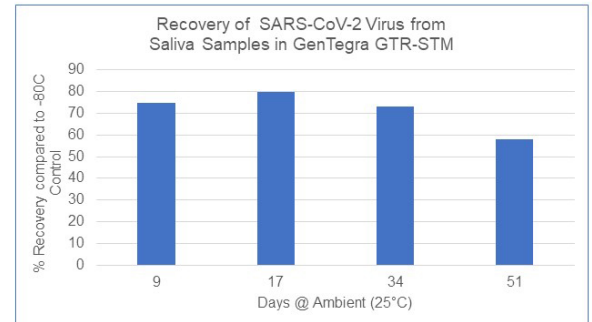
- **Guanidinium free**
- **Dry formulation eliminates sample dilution**
- **Stabilizes viral RNA in saliva >50 days at 25°C**
- **Proprietary chemistry inactivates contaminating RNases**
- **GenTegra® GTR-STM™ inactivates SARS-CoV-2 and other viruses**
- **Active Chemical Protection™ reduces saliva viscosity making automation simpler**

**GenTegra®**

## GenTegra GTR-STM saliva transport product is available now through an Early Access program for CLIA certified laboratories offering an authorized SARS-CoV-2 RNA assay.

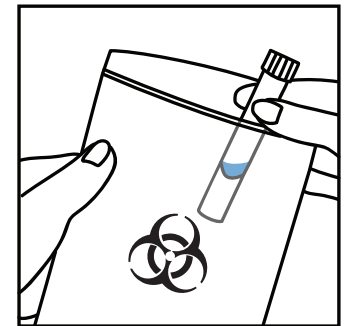
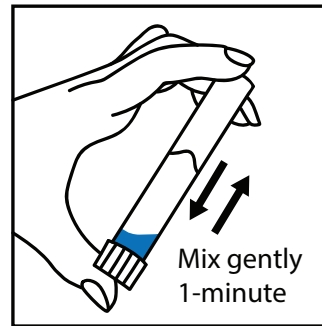
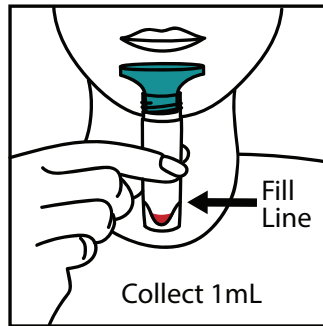
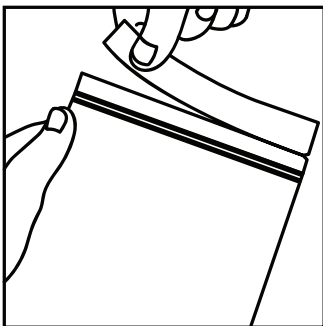
The GenTegra GTR-STM product is unique in that the transport media is dry in the collection tube. By not diluting the sample the potential for false negatives is reduced. This advantage would also be significant in pooled COVID-19 testing that is being proposed as a means of increasing test volume and access. GenTegra GTR-STM is safe and convenient for the user as it does not contain any liquid stabilizer that needs to be added after the saliva is collected. GenTegra GTR-STM stabilizes the virus and viral RNA for >50 days at ambient temperature. This offers significant sample quality and cost advantages due to the elimination of any cold chain requirement.

### SARS-CoV-2 Virus protected for >50 days at Ambient Temperature†



Temperature stressing SARS-CoV-2 virus samples at 56°C provides equivalent data for more than 50 days at 25°C

## Testing made easy so you can work safely



Product Specification	Description	
Format	1-5mL GenTegra GTR-STM Screw cap tube 1- Saliva funnel 1- Biohazard bag	<i>Note - GenTegra GTR-STM is compatible with most magnetic bead based and column based manual and automated purification kits.</i>
Sample volume	Accepts 1mL of saliva	
Sample protection	> 50 days at ambient temperatures up to 46°C	
Virus inactivation	Immediately inactivates the virus upon matrix being dissolved	
RNA protection	Protects free RNA for >50 days	
Stability for transport	Ship at ambient temperature, wet ice or dry ice is not required	
Shelf Life	2-years at room temperature	

† We use the Arrhenius Equation (time at RT = time at Accelerated Aging temp \* Q10^((Accelerated temp-room temp)/10)) Where Q is 2 as every 10 degree rise in temperature will double the time at ambient.

# GenTegra®

For more info visit our website:

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