



SPECTRUMDNA™

# TECHNICALLY-SUPERIOR WHOLE SALIVA COLLECTION

SDNA-1000

## SDNA PRODUCT DESCRIPTION

The SDNA whole saliva collection device has been engineered to lead the saliva collection market in molecular diagnostic applications.

With over 20 million collection devices manufactured and distributed worldwide this innovative and technically-superior biosample collection device has been engineered to reduce self-collection error, is bacteriostatic, and offers a painless collection system that maintains biosample consistency delivering the most robust and safest saliva samples for testing.

Spectrum's CV3 patented blue preservation chemistry preserves both DNA and viral RNA samples during transport inactivating the live virus while suspending and stabilizing RNA transcripts for sensitive and specific analysis.

The SDNA-1000's intuitive design and minimal steps are a

welcomed answer for those offering direct-to-patient diagnostic testing or any team that may have experienced clinical study or project failures due to sample self-collection errors in the past.

The SDNA saliva collection device additionally offers long-term stability and ships with verified, unique barcode serialization for biosample physical and digital chain-of-custody. Additionally, customized packaging, kitting, and fulfillment options are available to solve any special project or testing workflow requirements.

Choosing the wrong saliva collection device can introduce and increase critical failure points. Spectrum's new and technically-superior saliva collection device is the answer your teams and projects have been waiting for.

## ADVANTAGE

- ✔ **SIMPLE** ..... Single device for DNA/viral RNA biosample collection, transportation, & storage
- ✔ **COMPATIBLE** .....
  - Tube compatible with automated platforms & customizable for incremental efficiency improvements
  - Qualified commercial RNA extraction chemistries include Perkin Elmer, Thermo Fisher, Roche, Qiagen, and more
- ✔ **INTUITIVE** ..... Intuitive 3-step design, proven to reduce customer collection errors
- ✔ **STORAGE** ..... Post collection stability at room temperature for one year. Shelf life 24-months at room temperature for DNA
- ✔ **EFFICIENT** ..... System maintains biosample consistency. Significantly reduces costs associated with sample failures & recollection
- ✔ **SHIPPING** ..... Standard mail at ambient temperatures. In device viral neutralization delivers shipping clearance with no biohazard UN3373 designation
- ✔ **SOLUTION** ..... Innovative, patented chemistry that preserves & protects both DNA/viral RNA transcripts, manages bacteria & mitigates any risk of infection throughout the testing process
- ✔ **COVID-19** .....
  - First FDA EUA authorized saliva collection device for COVID-19 testing
  - First FDA EUA authorized device for direct- to-patient at-home sample self-collection
  - Delivers 100% inactivation of the live virus at ambient temperature

# COLLECTION PROCESS

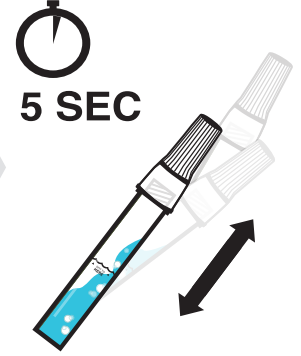
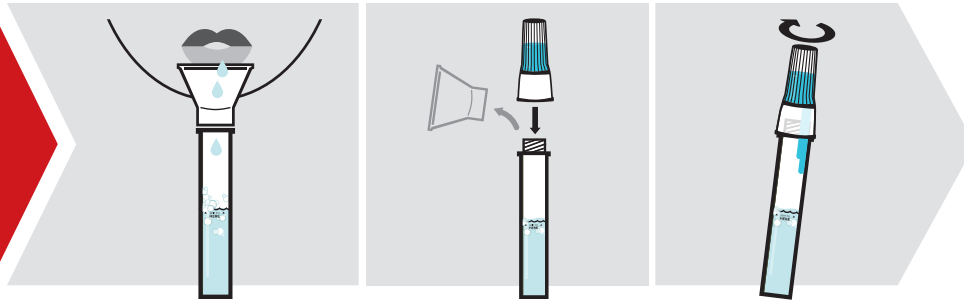
## Intuitive Design

The SDNA-1000 has been engineered to resolve testing failure issues from user collection errors.

**DO NOT**  
eat, drink, smoke or  
chew gum for

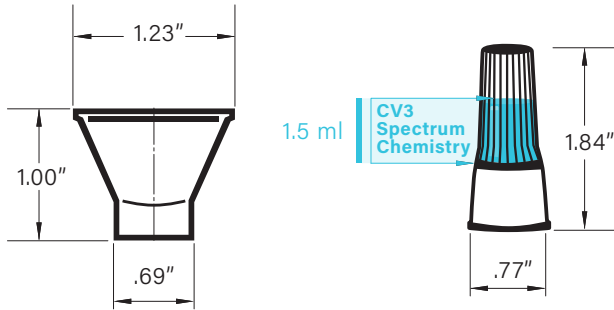
**30**  
MINUTES

before spitting in tube.

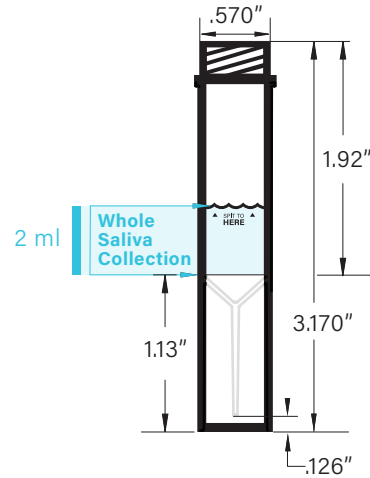


# DEVICE SPECIFICATIONS

## Funnel and Cap Dimensions



## Tube Dimensions



# FDA EUA STATEMENT

The first EUA200090 for saliva testing was authorized on April 10, 2020, then additionally expanded on May 7, 2020 to include at-home self-collection of saliva samples for COVID-19 testing exclusively using Spectrum's SDNA-1000 saliva collection device. The FDA's authorization to include direct-to-patient at-home self-collection was granted based on extensive safety

and device evaluation. Factors for delivering authorization included the SDNA's ease-of-use, 100% virus inactivation, as well as its ability to extend sample post-collection stability over 10 days at ambient temperatures with no degradation in sample efficacy.

# REQUEST FOR INFORMATION OR QUOTATION

Visit [spectrumsolution.com/COVID-19](https://spectrumsolution.com/COVID-19) for additional information, authorized labs processing COVID-19 tests using the SDNA-1000 saliva collection device, partners selling direct at-home and corporate testing options, or product distribution

partners. For product related questions or additional product information contact our Spectrum DNA account team or visit the SDNA product page at [spectrumsolution.com/SDNA](https://spectrumsolution.com/SDNA).



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