

Thermo Scientific™

SpeciMAX™ Saliva Collection Kit

Catalog number: A50696P10



Catalog Number	A50696P10
Unit Size	10 kits
Price (USD)	Price: 19.66 Your Price: 17.28



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The Thermo Scientific SpecIMAX Saliva Collection Kit provides a simple method for the collection of raw (aka plain, whole) saliva. The kit comes with an easy-to-use funnel, an automation friendly saliva collection tube, and a screw cap to secure the sample after collection. Unlike 15 and 50 mL conical tubes, the SpecIMAX saliva collection tube integrates easily into automatic processing and analysis workflows that are part of high-throughput SARS-CoV-2 surveillance research programs. Eliminate the need for messy manual pipetting of saliva from bulky conical tubes and collect saliva directly into automation-sized SpecIMAX tubes. Each SpecIMAX kit is individually packaged in single-use peel pouches enabling easy distribution of devices for high-throughput saliva collection.

Features of the SpecIMAX Saliva Collection Kit include:

- Individual single-use peel pouch to protect the kit
- Non-invasive, simple, quick 1-mL saliva self-collection
- Streamlined sample accessioning with unique 1D serial barcodes
- Standard-sized cap compatible with commercial decapper systems
- Saliva collection tube that fits most automation liquid handler racks
- Optimized automation scripts downloadable for KingFisher Flex and KingFisher DuoPrime instruments

Saliva is emerging as a suitable biofluid for SARS-CoV-2 virus

Humans produce an average of 1-2 L of saliva per day. Saliva has been a convenient source of DNA for genetic carrier analysis, ancestry and lifestyle testing, and pharmacogenomics. Recently, the oral cavity, including saliva, has been shown to be a source of SARS-CoV-2 virus and may play a direct role in viral transmission (Huang, N., et al. Nat. Med. (2021); <https://doi.org/10.1038/s41591-021-01296-8>). For SARS-CoV-2 virus studies, the use of saliva makes sample collection easier and does not require direct contact with medical professionals, which reduces the risk of infectious disease transmission.

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2. Fill until saliva (not including bubbles) is between the 1.0 and 2.0 lines
 3. Remove and discard the funnel
 4. Attach the cap and twist to close
- (See figure below for pictorial instructions.)

For best results, saliva donors should be instructed to refrain from eating, drinking, using tobacco products, or chewing gum for at least 30 minutes for best results. Saliva donors should allow saliva to pool in their mouths and then drool the saliva into the top of the funnel affixed to the saliva collection device. Consider the liquid portion of the saliva, not the bubbles, when determining if enough saliva has been collected.

Laboratory- and automation-friendly cost-saving features

SpeciMAX Saliva Collection kits can streamline the process from collection to automation systems. For example, if a manual transfer of the raw saliva into an automation friendly tube requires 30 seconds to process, it would take about 8 hours to prepare the 1000 samples for the molecular analysis workflow. By eliminating manual saliva transfers with the SpeciMAX kits that fit directly into your automation sample racks, laboratory staff will be free to perform higher value or higher complexity tasks such as analyses and results generation.

The SpeciMAX saliva collection tube integrates seamlessly into high-throughput laboratory workflows using either the barcodes provided for each collection tube or user-created labels as desired. The small-sized SpeciMAX saliva collection tube makes storage of large numbers of samples in 4oC spaces easy to manage. Labs can fit up to 6X more SpeciMAX tubes in the same space required to store bulky 50 mL conical tubes, making laboratory logistics easier to manage and preserving valuable laboratory space.

Compatible with RNA isolation or direct to PCR workflows

Raw saliva offers labs the ability to flex between molecular biology workflows. Users can extract nucleic acid from raw saliva using specialized sample preparation reagents such as the MagMAX Viral/Pathogen total nucleic acid isolation kit (Cat. No. A48383R). Additional MagMAX reagents, such as the MagMAX DNA Multi-Sample Ultra 2.0 (A36570), MagMAX Saliva gDNA Isolation (A39060), and MagMAX mirVana Total RNA Isolation (A27828) kits are already equipped with optimized protocols and KingFisher magnetic particle handler automation scripts. So integrating the SpeciMAX Saliva Collection kit with appropriate MagMAX sample preparation kits for various molecular biology studies is already enabled. The SpeciMAX Saliva Collection Kit and MagMAX sample prep purified nucleic acid can be used in multiple downstream applications such as genomic analysis or viral analysis using TaqMan gene expression solutions.

For faster results, where sensitivity of detection is not as critical for your application, raw saliva can be used in direct-to-PCR workflows where saliva is used directly in RT-PCR such as with the TaqCheck SARS-CoV-2 Fast PCR Assay Kit (A50914). Using the TaqCheck SARS-CoV-2 Fast PCR Assay workflows

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Specifications

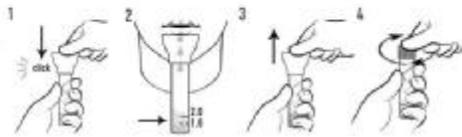
Product Type	Saliva Collection Kit
Certifications/Compliance	Research Use Only
Includes	10 SpecIMAX saliva collection devices (saliva collection tube, cap and funnel)
Quantity	10 Kits
Shelf Life	2 years
Storage Requirements	Store at 15°C to 30°C

Figures



RNA/DNA Extraction Workflow

Instructions: Do not eat, drink, smoke, use tobacco products or chew gum for at least 30 minutes before giving your saliva sample.



How to use SpecIMAX Saliva Collection Kit

Documents & Downloads

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 2209638	Certificates of Analysis	Aug 26, 2022	A50696
 2209614	Certificates of Analysis	Aug 23, 2022	A50696
 2085519	Certificates of Analysis	Feb 26, 2022	A50696P10
 2209608	Certificates of Analysis	Feb 15, 2022	A50696
 1914883	Certificates of Analysis	Nov 09, 2021	A50696

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Scientific Resources

Application Notes



[Application Note: Evaluation of SARS-CoV-2 sequencing performance using raw and](#)

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[Application Note: Saliva sampling using the SpeciMAX Saliva Collection Kit](#)

Flyers



[Flyer: SpeciMax Saliva Collection Kit \(Japanese\)](#)

Product Information

Manuals



[Product Sheet: SpeciMAX Saliva Collection Kit](#)

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