



DNA from Saliva for  
Infectious Disease Sampling

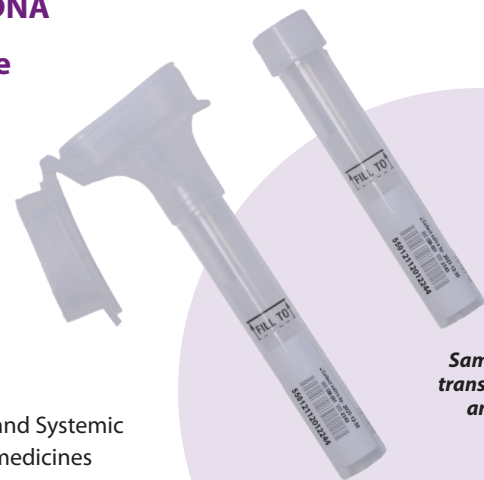
## Collect superior samples for molecular detection of microbial DNA

OMNigene®-ORAL is an all-in-one system for the collection and stabilization of microbial DNA from saliva.

- **Painless, non-invasive collection of high quality DNA**
- **Ideal for field collection and ambient temperature transportation and long-term storage**
- **Increase efficiency, minimize sample handling and reduce handling errors with a compatible format for high throughput processing**

"The majority of my work revolves around Drug Reaction with Eosinophilia and Systemic Symptoms, or DRESS, a rare and dangerous reaction to a range of common medicines which may be linked to the reactivation of the herpes viruses (HHV-6, HHV-7, CMV, EBV). OMNigene-ORAL is proving to be an effective tool for the collection and detection of the human herpes virus in oral samples. The DNA collections with OMNigene-ORAL are easy and painless for the participants, and provide a viable alternative to blood collections. Having the option of using a non-invasive saliva collection device to detect the presence of the herpes virus in patients suffering the drug reaction may provide ways to treat and possibly stop it becoming more severe, or even fatal."

*Dr. Vincent Descamps, MD, PhD, Bichat Claude Bernard Hospital, APHP, Paris*



**Sample ready for  
transport, storage  
and processing**

**Collection device catalog #: OM-501**

**For more information contact  
[info@dnagenotek.com](mailto:info@dnagenotek.com)**

### Benefits

- Improve patient care and compliance with painless, non-invasive sample collection
- Increase efficiency, minimize sample handling and reduce handling errors with a compatible format for high-throughput processing
- Sample remains stable for a year at room temperature, reducing transportation and storage cost and complexity

### Collection method comparison

Attributes	Blood collection	Oral collection		
	Venous blood	Mouthwash	Buccal swabs	OMNIGENE-ORAL (OM-501)
Non-invasive collection	✗	✗	✓	✓
Standardized format for high-throughput processing	✓	✗	✗	✓
Specimen stability at room temperature	Days	Weeks	Days	1 year

### OM-501 kit contents



Packaging and Instructions

Collector

### Product specifications

#### Pre-use with packaging:

Dimensions: 14.0 x 8.0 x 2.8 cm  
 Weight: 39 g  
 Shelf-life: 30 months  
 Standard 128C 14-digit bar code

#### Post sample collection specifications

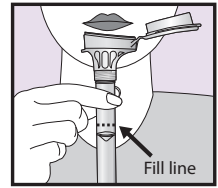
##### Standard false bottom tube:

Tube diameter: 16 mm  
 Tube height (without cap): 93 mm  
 Sample stability: Year

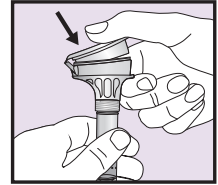
Collected specimen is potentially infectious and should be handled with appropriate biosafety practices.

Ship in accordance to applicable regulations covering transport of biological specimens.

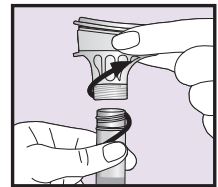
### Easy collection



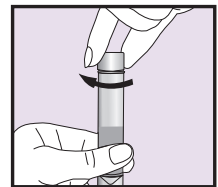
Spit until the amount of saliva (not bubbles) reaches the fill line.



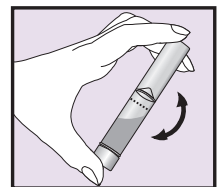
Close lid tightly by pushing down hard on the funnel lid until you hear a loud click.



Unscrew the funnel from the tube.



Close tube tightly with small cap.



Shake for 5 seconds.

“The OMNIGENE-ORAL product has provided very reliable detection of the presence of the human papillomavirus (HPV) in saliva samples. HPV has been strongly associated with certain kinds of head and neck cancer. The ability to detect the HPV virus in a saliva sample provides us with an easy-to-use and non-invasive tool to test our patients. Overall, the testing methods and the OMNIGENE-ORAL collection kits have worked extremely well for detection of high risk oral HPV.”

*Martin J. Corsten, MD FRCS, Chairman, Department of Otolaryngology - Head and Neck Surgery, The Ottawa Hospital/University of Ottawa*

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Microbiome profiling



Accelerating microbiome discovery through advanced sequencing, expert analysis and predictive modeling.

For more information: [info@diversigen.com](mailto:info@diversigen.com)

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