

**Saliva Exosome Collection and Preservation Kit – 50 Devices
Product Insert**

Product #: 65400

Norgen’s Saliva Exosome Collection and Preservation Kit provides a safe and rapid all-in-one procedure for the collection and the preservation of saliva exosomes at ambient temperatures.

Intended Use

Norgen’s Saliva Exosome Collection and Preservation Kit is designed for 1) simple and non-invasive saliva collection; and 2) preservation of exosomes in saliva samples at ambient temperature. The Saliva Exosome Collection and Preservation Kit contains 50 Individual Saliva Exosome Collection and Preservation Devices. Each of the 50 individual Saliva Exosome Collection and Preservation Devices consists of 2 components: (1) Saliva Collection Funnel assembled with a Collection Tube that contains Norgen’s Urine Preservative in a dried format, and (2) Collection Tube Cap. Saliva samples are collected by spitting inside the Collection Funnel which has been assembled with the Collection Tube. After collecting the required volume of saliva the Collection Funnel is removed, and the Collection Tube is securely capped with Collection Tube Cap. The collected saliva is mixed by gentle inversion several times to mix the saliva with the dried preservative. The Saliva Collection Tube is subsequently sent to the laboratory for the purification of intact exosomes and for the subsequent isolation and analysis of saliva exosomal RNA. The saliva exosomes in preserved samples are stable for 2 years at room temperature.

Saliva Exosome Preservative

Norgen’s Saliva Exosome Preservative is designed for the preservation of exosomes in fresh saliva specimens. The preservative is present in the saliva collection tube in a dried format, and will preserve the saliva exosomes once mixed thoroughly with the collected saliva sample. The buffer prevents the growth of Gram-negative and Gram-positive bacteria and fungi, and also inactivates viruses allowing the resulting non-infectious samples to be handled and shipped safely. In addition, the saliva exosome preservative eliminates the need to immediately process or freeze samples and allows the samples to be shipped to centralized testing facilities at ambient temperature. The components of the buffer allow samples to be stored for 2 years without any detectable exosome lysing.

Saliva Exosome Purification and Exosomal RNA isolation

Saliva Exosomes purification and the subsequent RNA isolation can be done from the preserved saliva samples using the following kits:

1. Saliva Exosome Purification Kit (Cat. 65300)
2. Exosome RNA Purification kit (Cat# 58000)

Saliva Exosome Collection and Preservation Kit Contents:

Component	Contents
Individual Saliva Exosome Collection and Preservation Devices	50
Product Insert	1
Donor Procedure Flowchart	1

Individual Saliva Exosome Collection and Preservation Device Contents:

Component	Contents
Saliva Collection Funnel and Collection Tube	1
Collection Tube Cap	1
Donor Instructions	1

SHELF LIFE AND HANDLING

The Exosome Collection and Preservation Devices should be kept tightly sealed and stored at room temperature for up to 2 years without any reduction in kit performance (The collection before date is written on the device label).

Kit Specifications	
Volume of Saliva Collected	1 - 2 mL
Preservation Temperature	Room temperature
Preservation Time	2 years at room temperature

QUALITY CONTROL

In accordance with Norgen's Quality Management System, each lot of Norgen's Saliva Exosome Collection and Preservation Kit is tested against predetermined specifications to ensure consistent product quality.

Disclaimers and Satisfaction Guarantee

For research use only. Not for use in diagnostic procedures.

NORGEN BIOTEK CORPORATION guarantees the performance of all products in the manner described in our product manual. The customer must determine the suitability of the product for its particular use. We reserve the right to change, alter, or modify any product to enhance its performance and design.

WARNINGS AND PRECAUTIONS – Saliva Donor

1. If any of the Saliva Exosome Preservative comes into contact with skin or eyes, wash thoroughly with water. Do not ingest the Saliva Exosome Preservative.
2. The collection device contains a choking hazard (Collection Tube Cap). Keep away from children.

Procedures

A. SAMPLE COLLECTION AND PRESERVATION PROCEDURES

1. Do not eat, chew gum, drink or smoke for 30 minutes prior to saliva collection.
2. Rinse your mouth with water and wait for 10 minutes.
3. Spit into the **Collection Funnel** until the amount of liquid saliva (not including bubbles) in the **Collection Tube** reaches the 1 - 2 mL line. Discard / recycle the Collection Funnel.
4. Screw on the Cap of Collection Tube to close it tightly.
5. Gently invert the **Collection Tube** several times until the saliva changes to a yellow colour.
6. The saliva sample is now preserved and ready for storage, shipping or processing.
7. The Collection Funnel and the plastic device container can be recycled.

Related Products	Product #
Saliva Exosome Purification Kit	65300
Exosome RNA Purification kit	58000

Technical Assistance

NORGEN's Technical Service Department is staffed by experienced scientists with extensive practical and theoretical expertise in sample and assay technologies and the use of NORGEN products. If you have any questions or experience any difficulties regarding Norgen's Saliva Exosome Collection and Preservation Kit or NORGEN products in general, please do not hesitate to contact us.

NORGEN customers are a valuable source of information regarding advanced or specialized uses of our products. This information is helpful to other scientists as well as to the researchers at NORGEN. We therefore encourage you to contact us if you have any suggestions about product performance or new applications and techniques.

For technical assistance and more information, please contact our Technical Support Team between the hours of 8:30 and 5:30 (Eastern Standard Time) at (905) 227-8848 or Toll Free at 1-866-667-4362 or call one of the NORGEN local distributors (www.norgenbiotek.com) or through email at techsupport@norgenbiotek.com.

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