



# DIAGNOSTIC COLLECTION SYSTEM

COLLECTION, TRANSPORT & PRESERVATION SYSTEMS

**ISO CERTIFIED 13485**

**ISO CERTIFIED 9001**

**GMP CERTIFIED**  
의료기기 제조 및 품질관리기준

1.1892656, 0.0981243, 1.1983457, 1.0128639, 0.9812652, 1.3478651

Noble Biosciences, Inc. is the company of collection, transport and preservation system for the biopsy

**Registered to ISO 9001, 13485 & GMP**

Products of medical device manufactured by Noble Biosciences include certified class I and class II.

# DIAGNOSTIC COLLECTION SYSTEM

COLLECTION, TRANSPORT & PRESERVATION SYSTEMS

ISO  
CERTIFIED  
9001

ISO  
CERTIFIED  
13485

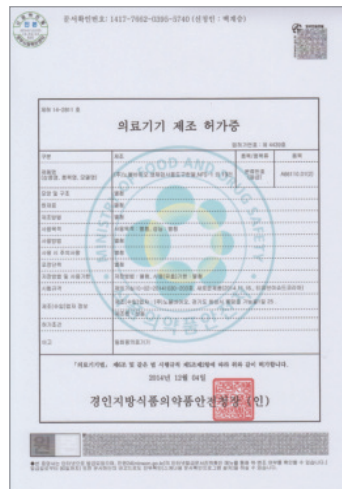
GMP  
CERTIFIED  
의료기기 제조 및  
품질관리기준

**Noble Bio**  
Clinical Diagnostic Products

- Specimen collection swab as the biopsy procedure kit manufactured by Noble Biosciences, Inc. GMP facilities and ISO13485 guide line has been certified as class II medical device.
- Swab in tube, agar transport medium, universal transport medium and the other transport media with the swab for specimen collection, preservation, transport and diagnostics are certified class II medical device.
- Agar transport medium, and other liquid transport media without the swab are certified as class I medical device.
- The test procedures for quality control are based upon the quality control methods described in CLSI M40-A2 and others.
- Noble Biosciences swab and transport media as the biopsy procedure kit can be used for animal diagnostics. Usually, for animal diagnostics, please use medical devices such as certified swabs and transport media for only animal. (www.swab.co.kr)



Certificate of : KCL-AAB-150002  
GMP



Certificate of Class II : 14-2811  
medical device : 15-211  
: 15-4092



Certificate of : 14 0084SJ  
ISO13485

본 제품의 품질 관리는 수집된 미생물과 바이러스 등 임상 검체의 안전한 수송, 보관 및 회수를 위해 국제적으로 인증된 CLSI (Clinical and Laboratory Standards Institute)의 QC guideline, M40-A2 등의 실험 방법을 따르고 있습니다. GMP시설과 ISO 13485, ISO 9001 인증을 바탕으로 생산 되었으며 각 제품은 Korean FDA의 신고 또는 허가 품목입니다.

The test procedures employed for determining bacterial and viral viability performance and recovery of clinical specimens were based upon the quality control methods described in Clinical and Laboratory Standards Institute (CLSI) M40-A2 and others. To optimize manufacturing and sales requirements for medical devices, we have certificates of GMP, ISO 9001, ISO 13485, CLSI membership and Korean FDA.

Noble Biosciences, Inc. is recognized as a member of CLSI.



# REST™ SWAB

## Bacterial Transport Swab with Liquid Media



- Applicator (stick) : Acetal polymer(POM) with breakpoint
- Swab tip(head) : Nylon
- Packing material (sterilized individual package) : Easy film to open easily
- Lot number and expiry date is marked on each pouch and tube.
- Products are medical devices for the biopsy procedure kit certified as class II by the Korean FDA.
- Certificate number of manufacturing business : 4439
- The biopsy procedure kit certified as class II with certified item number, 14-2811
- Certificate number of item manufacturer : 15-4092
- Certificate number of GMP : KCL-AAB-15002

### NB SWAB

[ Bacterial Transport Swab with Liquid Media ]



LM06B-NS1-N1P NB SWAB with Standard Nylon Swab  
(Liquid Modified Ameis Medium(2ml))

REST Swab, liquid transport medium is used to collect specific specimens and clinical specimens such as aerobes, anaerobes and fastidious bacteria, and transport specimens at room temperature or 4℃ without any problem.

REST Swab tube containing transport medium has self-standing type as a conical tube, easy and centrifuge function.

REST Swab has various of swab such as NFS-1, NFS-2, DNA-1, NS-1 and etc. depending on each target specimen.

REST Swab, liquid transport medium can be stored at room temperature for 48 hours except specific bacteria, Neisseria gonorrhoeae and others.

REST Swab The test procedures for quality control are based upon the quality control methods described in CLSI M40-A2 and others.

REST Swab having transport medium is a medical device, biopsy procedure kit certified as class II by Korean FDA.

## REST SWAB Test Procedure



Figure 1



Figure 2



Figure 3



Figure 4

- [Figure 1] Peel open the sealed outer pouch pack.
- [Figure 2] Remove one swab from the inner pouch and collect the specimen without bending the swab.
- [Figure 3] Aseptically remove the cap from the tube containing transport medium, and insert the swab into the tube. Break the swab shaft by bending the swab against the tube rim at the scored point. Replace the cap and secure the lid tight.
- [Figure 4] Record the patient's information on the label and transfer the sample tube containing the specimen to laboratory for analysis.

- Specimen collection swab as the biopsy procedure kit manufactured by Noble Biosciences GMP facilities and ISO 13485 guide line has been certified as class II medical device to collect enterobacteria specimens also. It can be used for animal
- It can be stored and stable at room temperature for 48 hours.
- There are various types of swab tip such as standard nylon swab, standard flocked swab, mini tip flocked swab with or without breakpoint. ([www.swab.co.kr](http://www.swab.co.kr))

# REST™ SWAB

## Bacterial Transport Swab with Liquid Media



### REST™ NB SWAB Rapid & Easy System Technology

Collection of Specific and Clinical Specimens, Transportation and Preservation

- REST NB Swab containing modified Amies medium for aerobes, anaerobes and fastidious bacteria can collect and transport specimens with optimal viability and condition.
- The test procedures for quality control are based upon the quality control methods described in CLSI M40-A2 and others.
- REST Swab has various types of swab such as NFS-1, NFS-2, NS-1, DNS-1 and etc. depending on each target specimen.
- For the MRSA screening, swab applicator, DNS-1, NS-1, NFS-1, NFS-2 can be used.
- REST NB Swab having transport medium is a medical device, biopsy procedure kit certified as class II by the Korean FDA.

#### NB SWAB

[ Bacterial Transport Swab with Liquid Media ]



LM06B-NS1-N1P NB SWAB with Standard Nylon Swab  
(Liquid Modified Ameis Medium(2ml))

### REST™ NB SWAB [ Medium Volume / Swab applicator ]

Component	Volume	Cat.No	Product Image (Swab Applicator)
12 ml Screw Cap Tube Liquid Modified Amies Medium Swab Applicator (NFS-1)	1 ml	LM06A-NFS1-N1P	
	2 ml	LM06B-NFS1-N1P	
	3 ml	LM06C-NFS1-N1P	
12 ml Screw Cap Tube Liquid Modified Amies Medium Swab Applicator (NFS-2)	1 ml	LM06A-NFS2-N1P	
	2 ml	LM06B-NFS2-N1P	
	3 ml	LM06C-NFS2-N1P	
12 ml Screw Cap Tube Liquid Modified Amies Medium Swab Applicator (NS-1)	1 ml	LM06A-NS1-N1P	
	2 ml	LM06B-NS1-N1P	
	3 ml	LM06C-NS1-N1P	
12 ml Screw Cap Tube Liquid Modified Amies Medium Swab Applicator (DNS-1)	1 ml	LM06A-DNS1-N1P	
	2 ml	LM06B-DNS1-N1P	
	3 ml	LM06C-DNS1-N1P	

- 1 Medium Volume ( LM06X-NS1-N1P : X => A : 1ML, B : 2ML, C : 3ML )
- 2 Glass Beads  
( LM06XA-NS1-N1P : X => G, G indicate glass beads )
- 3 Swab Type  
( LM06A-XXX-N1P : XXX => NS1 : NS-1, DNS1 : DNS-1, NFS1 : NFS-1, NFS2 : NFS-2  
SWAB APPLICATOR  
Biopsy procedure swab (www.swab.co.kr) )
- 4 Package Type ( LM06A-NS1-XXX : XXX =>  
N1P : Single packing containing swab and medium  
2P : Double packing containing swab pouch and medium )



〈 Single and Double packing for NB Swab 〉



# NB swab PLUS with Bacterial Transport Swab (Liquid Amies Medium)

“ From specimen collection to streaking on the agar plate by using NB SWAB PLUS ”



## NB SWAB PLUS Rapid & Easy System Technology

New strategy for specimen collection, transport and preservation

NB SWAB PLUS(Amies Liquid Medium Transport Tube PLUS) is used to collect, transport and preserve clinical specimens such as aerobic, anaerobic and fastidious bacteria, virus, chlamydia and MRSA. NB swab assembled with tube can be inverted to put specimen into the media after specimen collection, and then specimen is loaded on the agar plate.

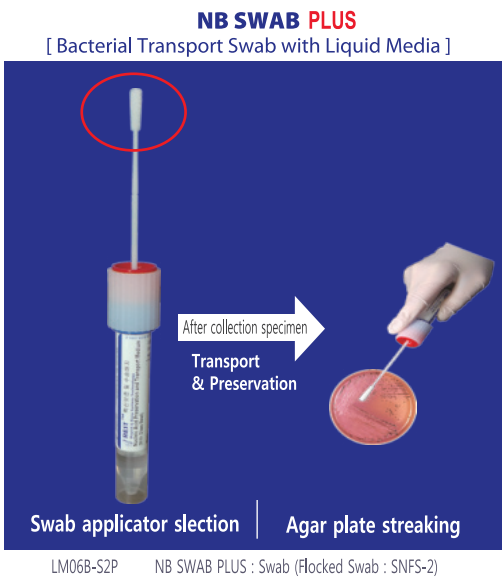
NB SWAB PLUS is a medical device.

## NB SWAB PLUS Application

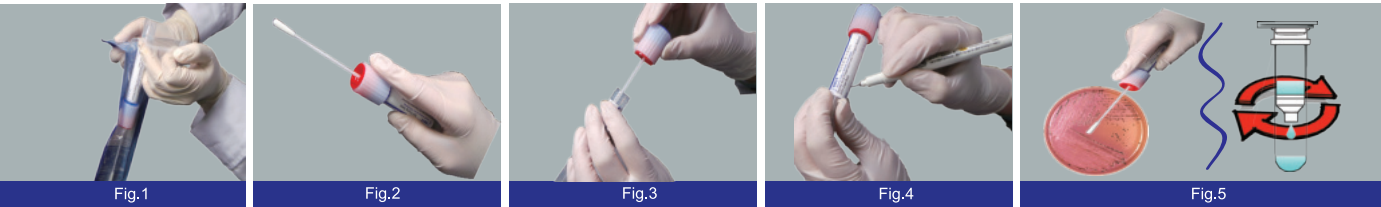
- Clinical Specimens [aerobes, anaerobes and fastidious bacteria, mycobacteria, fungi, trichomonas, bordetella pertussis., etc.]
- Traditional bacterial culture, Gram stains, Rapid antigen testing, Molecular assays

## NB SWAB PLUS Characteristics of transport medium

- 1 This product is microbial transport medium for the optimal viability of clinical specimens after collection and transportation.
- 2 By using exclusive tube, it is transported in safety and easy to save sample because of assembled type with tube and swab.
- 3 The test procedures for quality control are based upon the quality control methods described in CLSI M40-A2 and others.
- 4 One system from collection of specimen to loading on the agar plate directly



## NB SWAB PLUS How to use



- [Fig. 1] Peel open the sealed pouch pack.
- [Fig. 2] Collect specimen by using assembled swab.
- [Fig. 3] Open the cap assembled with swab and put it into the medium.
- [Fig. 4] Close the cap tight and record information on the label. Transfer the tube containing specimen to laboratory for analysis.
- [Fig. 5] Load sample to the agar plate to incubate. Isolate nucleic acid by using commercial kit.

## NB SWAB PLUS [ Media Type / Swab Applicator Type ]

Component	Volume	Cat.No	Product Image
12 ml Screw Cap Tube with Swab adaptor	1 ml	LM06A-S7P	
Liquid Modified Amies Medium	2 ml	LM06B-S7P	
Swab Applicator (CSNS-1 : Standard Swab)			
12 ml Screw Cap Tube with Swab adaptor	1 ml	LM06A-S2P	
Liquid Modified Amies Medium	2 ml	LM06B-S2P	
Swab Applicator (CSNFS-2 : Flocked Swab)			

For the enterobacteria diagnosis

FECAL SWAB [Bacterial Transport Swabs with Liquid Media]

Fecal Swab



REST™ FECAL SWAB Rapid & Easy System Technology

Collection of Fecal Specimens, Transportation and Preservation

- REST Fecal Swab containing liquid Cary Blair medium for enterobacteria can collect and transport specimens with optimal viability and condition.
- The test procedures for quality control are based upon the quality control methods described in CLSI M40-A2 and others.
- Various types of swab containing liquid medium to collect fecal specimens, transport and preserve can be used depending on each target specimen.
- By rectal swabbing or direct collection from feces, specimens can be collected and transported to the laboratories for analysis.
- REST Fecal Swab having liquid Cary Blair medium is a medical device, biopsy procedure kit certified as class II by the Korean FDA.

FECAL SWAB

[ Bacterial Transport Swab with Liquid Media ]



LM03B-NS1-N1P FECAL SWAB with Standard Nylon Swab  
(Liquid Cary Blair Medium(2ml))

REST™ FECAL SWAB [ Medium Volume / Swab applicator ]

Component	Volume	Cat.No	Product Image (Swab Applicator )
12 ml Screw Cap Tube	1 ml	LM03A-NFS2-N1P	
Liquid Cary Blair Medium	2 ml	LM03B-NFS2-N1P	
Swab Applicator (NFS-2)	3 ml	LM03C-NFS2-N1P	
12 ml Screw Cap Tube	1 ml	LM03A-NS1-N1P	
Liquid Cary Blair Medium	2 ml	LM03B-NS1-N1P	
Swab Applicator (NS-1)	3 ml	LM03C-NS1-N1P	
12 ml Screw Cap Tube	1 ml	LM03A-DNS1-N1P	
Liquid Cary Blair Medium	2 ml	LM03B-DNS1-N1P	
Swab Applicator (DNS-1)	3 ml	LM03C-DNS1-N1P	

- 1

Medium Volume ( LM03X-NS1-N1P : X=> A: 1ML, B: 2ML, C: 3ML)
- 2

Glass Beads  
( LM03XA-NS1-N1P : X=> G, G indicate glass beads
- 3

Swab Type  
( LM03A-XXX-N1P : XXX=> NS1 : NS-1, DNS1 : DNS-1, NFS1 : NFS-1, NFS2 : NFS-2  
SWAB APPLICATOR  
Biopsy procedure swab (www.swab.co.kr)
- 4

Package Type ( LM03A-NS1-XXX : XXX=>  
N1P : Single packing containing swab and medium  
2P : Double packing containing swab pouch and medium



< Single and Double packing for Fecal Swab >



For the enterobacteria diagnosis  
FECAL SWAB [Bacterial Transport Swabs with Liquid Media]

Fecal Swab Plus

“ From specimen collection to streaking on the agar plate by using Fecal SWAB PLUS ”

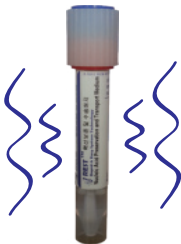


To collect Feces

- 1. Peel open pouch package and collect specimen with assembled swab.  
\* Grip the tube assembled with swab to collect sample (Fig. 2)
- 2. Insert the swab head (tip) into the feces and rotate to right and left to collect a little amount of sample coated on the tip.  
\* Specimen for incubation : Collection amount are based on the sample demand from diagnosis laboratory.  
\* Specimen for molecular diagnosis (DNA/RNA) : Collect about 0.2- 0.3 g. If too much or less than standard amount, there is difficulty in quantity and quality of DNA/RNA.

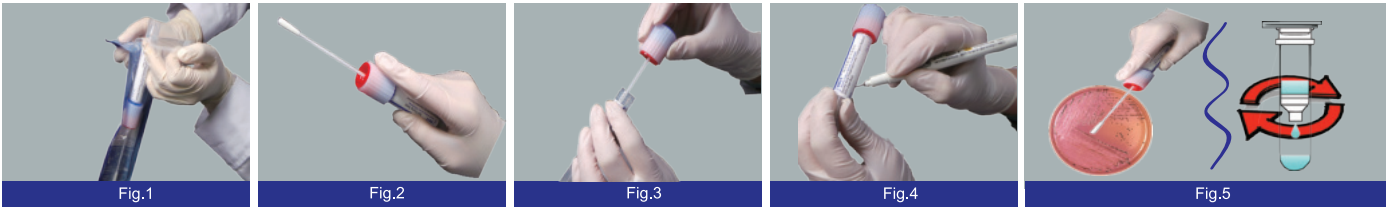
Rectal Swabbing

- 1. Peel open pouch package and collect specimen with assembled swab.  
\* Grip the tube assembled with swab to collect sample (Fig. 2)
- 2. Insert the swab head (tip) approximately 2-3cm into the rectal and rotate to right and left.  
Please don't apply excessive force to prevent shaft damage.  
\* Specimen for incubation : Collection amount are based on the sample demand from diagnosis laboratory.  
\* Specimen for molecular diagnosis (DNA/RNA) : Collect about 0.2- 0.3 g. If too much or less than standard amount, there is difficulty in quantity and quality of DNA/RNA.
- 3. Open the cap assembled with swab and put it into the medium. (Fig. 3)
- 4. Close the cap tight and vortex the tube for homogeneous sample.
- 5. Record all of the information on the label.
- 6. Transfer the tube containing specimen to laboratory for analysis. If you expect late transportation, store sample tube at 2-8 °C. Please test in 48 hrs if it stored at room temperature.



FECAL SWAB PLUS How to use

After collection specimen : Vortexing (Fecal sample)



- [Fig. 1] Peel open the sealed pouch pack.
- [Fig. 2] Collect specimen by using assembled swab.
- [Fig. 3] Open the cap assembled with swab and put it into the medium.
- [Fig. 4] Close the cap tight and record information on the label. Transfer the tube containing specimen to laboratory for analysis.
- [Fig. 5] Load sample to the agar plate to incubate. Isolate nucleic acid by using commercial kit.

REST™ FECAL SWAB PLUS [ Media Type / Swab Applicator Type]

Component	Volume	Cat.No	Product Image
12 ml Screw Cap Tube with Swab adaptor Liquid Cary Blair Medium	1 ml	LM03A-S7P	
Swab Applicator (CSNS-1 : Standard Swab)	2 ml	LM03B-S7P	
12 ml Screw Cap Tube with Swab adaptor Liquid Cary Blair Medium	1 ml	LM03A-S2P	
Swab Applicator (CSNFS-2 : Flocked Swab)	2 ml	LM03B-S2P	

# REST™ SWAB

## Bacterial Transport Swab with Liquid Media



### REST™ Selenite SWAB Rapid & Easy System Technology

Enrichment Selenite Broth to isolate *Salmonella*

- REST Selenite Swab containing enrichment selenite broth is used to isolate, transport and preserve *Salmonella* strain.
- The test procedures for quality control are based upon the quality control methods described in CLSI M40-A2 and others.
- There are Various types of swab such as NFS-1, NFS-2M NS-1 depending on each target specimen.
- REST Selenite Swab with liquid media can be stored at room temperature without any problem.
- REST Selenite Swab containing selenite broth is a medical device, biopsy procedure kit certified as class II by the Korean FDA.

### Selenite SWAB

[ Bacterial Transport Swab with Liquid Media ]



LM07B-NS1-N1P Selenite SWAB with Standard Nylon Swab (Selenite Broth(2ml))

### REST™ Selenite SWAB [ Medium Volume / Swab applicator ]

Component	Volume	Cat.No	Product Image (Swab Applicator )
12 ml Screw Cap Tube Selenite broth	1 ml	LM07A-NFS1-N1P	
Swab Applicator (NFS-1)	2 ml	LM07B-NFS1-N1P	
	3 ml	LM07C-NFS1-N1P	
12 ml Screw Cap Tube Selenite broth	1 ml	LM07A-NFS2-N1P	
Swab Applicator (NFS-2)	2 ml	LM07B-NFS2-N1P	
	3 ml	LM07C-NFS2-N1P	
12 ml Screw Cap Tube Selenite broth	1 ml	LM07A-NS1-N1P	
Swab Applicator (NS-1)	2 ml	LM07B-NS1-N1P	
	3 ml	LM07C-NS1-N1P	

### REST™ TSBSalt SWAB Rapid & Easy System Technology

Collection of MRSA in enrichment Media, Tryptic Soy Broth with high salt

- REST TSBSalt Swab containing Tryptic Soy Broth medium including 2.5% NaCl.
- It is used to grow and preserve *S.aureus spp.*(MRSA), and used to inoculate agar plate with small amount of specimen in the medium
- The test procedures for quality control are based upon the quality control methods described in CLSI M40-A2 and others.
- There are various types of swab such as NFS-1, NFS-2M NS-1 depending on each target specimen.
- It is a medical device, biopsy procedure kit certified as class II by the Korean FDA.

### TSBSalt SWAB

[ Bacterial Transport Swab with Liquid Media ]



LM10B-NS1-N1P TSBSalt SWAB with Standard Nylon Swab (Tryptic Soy Broth(2ml))

### REST™ TSBSalt SWAB [ Medium Volume / Swab applicator ]

Component	Volume	Cat.No	Product Image (Swab Applicator )
12 ml Screw Cap Tube Tryptic Soy Broth	1 ml	LM10A-NFS2-N1P	
Swab Applicator (NFS-2)	2 ml	LM10B-NFS2-N1P	
	3 ml	LM10C-NFS2-N1P	
12 ml Screw Cap Tube Tryptic Soy Broth	1 ml	LM10A-NS1-N1P	
Swab Applicator (NS-1)	2 ml	LM10B-NS1-N1P	
	3 ml	LM10C-NS1-N1P	



# N-SWAB TRANSPORT™

## Bacterial Transport Medium with Agar Gel



### Agar Gel Transport Medium

- Applicator (stick) : Acetal Polymer (POM)
- Swab tip (head) : Nylon / Nylon Flocked
- Sterilized individual package : Open easily by using Easy Film
- Lot.No & Expiry date is marked on each pouch and tube
- Agar transport medium is certified class II medical device as biopsy procedure kit
- Certificate number of manufacturing business : 4439
- The biopsy procedure kit certified as class II with item number : 14-2811
- Certificate number of item : 15-4092 / 15-211
- Certificate number of GMP : KCL-AAB-150002

**Agar Gel Transport Medium**  
[ AMIES agar gel-no charcoal ]

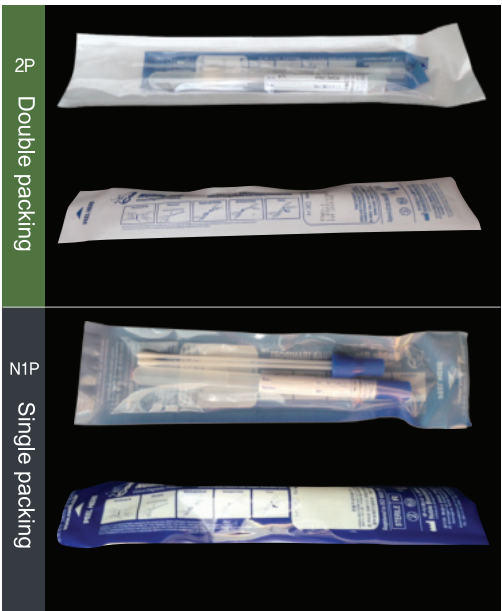


**AD2-2-N1P AMIES Agar Gel Transport Swab**  
[ standard double Swab ]



- Amies, Stuart and Cary-Blair medium are supplied depends on specimen.
- The test procedures for quality control are based upon the quality control methods described in CLSI M40-A2 and others.
- Biopsy procedure swab containing modified medium for aerobes, anaerobes and fastidious bacteria can collect and transport specimens with optimal viability and condition
- Agar medium containing swab for specimen collection, transport and diagnostic is certified as class II medical device.
- Biopsy procedure kit containing swab as class II medical device is packaged individually.
- There are several kinds of swab tip such as standard nylon swab, standard flocked swab, mini tip flocked swab with / without breakpoint

- 1 Medium Components ( ADX-1-N1P : X =>  
1,2,3,4 : Amies Agar Gel-no charcoal, 5,6,7,8 : Amies Agar Gel-with charcoal  
9,10,11,12 : Stuart Agar Gel, 13,14,15,16 : Cary-blair Agar Gel)
- 2 Tube types  
( AD1-1X-N1P : X => with S-screw type, without S-General tube )  
[ General tube ]  
[ Screw type tube ]
- 3 Swab types ( ADX-1-N1P : X =>  
1,5,9,13 : Standard Nylon Single Swab, 2,6,10,14: Standard Nylon Double Swab  
3,7,11,15 : Standard Flocked Swab, 4,8,12,16 : Mini-tip Flocked Swab)
- 4 With/without Breakpoint  
( AD1-X-N1P : X=>1 : With Breakpoint , 2 : Without Breakpoint )  
[ With Breakpoint ]  
[ Without Breakpoint ]
- 5 Package Type ( AD1-1-XXX : XXX=>  
N1P : Single packing containing swab and medium  
2P : Double packing containing swab pouch and medium



< Single and Double packing for Agar Gel Transport Medium >



# N-SWAB TRANSPORT™

## Bacterial Transport Medium with Agar Gel

Agar gel Transport Swab :  
AMIES AGAR GEL-NO CHARCOAL

Single packing (ADX-XX-N1P)	Double packing (ADX-XX-2P)
AD1-1S-N1P Description : Single Nylon Swab with Break Point	AD1-1S-2P
AD1-2S-N1P Description : Single Nylon Swab without Break Point	AD1-2S-2P
AD2-1-N1P Description : Double Nylon Swab with Break Point	AD2-1-2P
AD2-2-N1P Description : Double Nylon Swab without Break Point	AD2-2-2P
AD3-1S-N1P Description : Single Nylon Swab with Break Point	AD3-1S-2P
AD3-2S-N1P Description : Single Nylon Swab without Break Point	AD3-2S-2P
AD4-1S-N1P Description : Single Nylon Swab with Break Point	AD4-1S-2P
AD4-2S-N1P Description : Single Nylon Swab without Break Point	AD4-2S-2P

Agar gel Transport Swab :  
AMIES AGAR GEL-WITH CHARCOAL

Single packing (ADX-XX-N1P)	Double packing (ADX-XX-2P)
AD5-1S-N1P Description : Single Nylon Swab with Break Point	AD5-1S-2P
AD5-2S-N1P Description : Single Nylon Swab without Break Point	AD5-2S-2P
AD6-1-N1P Description : Double Nylon Swab with Break Point	AD6-1-2P
AD6-2-N1P Description : Double Nylon Swab without Break Point	AD6-2-2P
AD7-1S-N1P Description : Single Nylon Swab with Break Point	AD7-1S-2P
AD7-2S-N1P Description : Single Nylon Swab without Break Point	AD7-2S-2P
AD8-1S-N1P Description : Single Nylon Swab with Break Point	AD8-1S-2P
AD8-2S-N1P Description : Single Nylon Swab without Break Point	AD8-2S-2P





**Ordering Information :** These products are medical devices certified as class II by the Korean FDA.

Cat.No	Description		Packaging
Agar gel Transport Swab : AMIES AGAR GEL- NO CHARCOAL			
AD1-1S-N1P	Standard Single Swab	[ Applicator : POM with break point, Swab Tip : Nylon, Cap color : Clear ]	100 / Case
AD1-1S-2P	Standard Single Swab	[ Applicator : POM with break point, Swab Tip : Nylon, Cap color : Clear ]	
AD1-2S-N1P	Standard Single Swab	[ Applicator : POM w/o break point, Swab Tip : Nylon, Cap color : Clear ]	
AD1-2S-2P	Standard Single Swab	[ Applicator : POM w/o break point, Swab Tip : Nylon, Cap color : Clear ]	
AD2-1-N1P	Standard Double Swab	[ Applicator : POM with break point, Swab Tip : Nylon, Cap color : Blue ]	
AD2-1-2P	Standard Double Swab	[ Applicator : POM with break point, Swab Tip : Nylon, Cap color : Blue ]	
AD2-2-N1P	Standard Double Swab	[ Applicator : POM w/o break point, Swab Tip : Nylon, Cap color : Blue ]	
AD2-2-2P	Standard Double Swab	[ Applicator : POM w/o break point, Swab Tip : Nylon, Cap color : Blue ]	
AD3-1S-N1P	Standard Flocked Swab	[ Applicator : POM with break point, Swab Tip : Flocked Nylon, Cap color : Clear ]	
AD3-1S-2P	Standard Flocked Swab	[ Applicator : POM with break point, Swab Tip : Flocked Nylon, Cap color : Clear ]	
AD3-2S-N1P	Standard Flocked Swab	[ Applicator : POM w/o break point, Swab Tip : Flocked Nylon, Cap color : Clear ]	
AD3-2S-2P	Standard Flocked Swab	[ Applicator : POM w/o break point, Swab Tip : Flocked Nylon, Cap color : Clear ]	
AD4-1S-N1P	Mini tip Flocked Swab	[ Applicator : POM with break point, Swab Tip : Flocked Nylon, Cap color : Clear ]	
AD4-1S-2P	Mini tip Flocked Swab	[ Applicator : POM with break point, Swab Tip : Flocked Nylon, Cap color : Clear ]	
AD4-2S-N1P	Mini tip Flocked Swab	[ Applicator : POM w/o break point, Swab Tip : Flocked Nylon, Cap color : Clear ]	
AD4-2S-2P	Mini tip Flocked Swab	[ Applicator : POM w/o break point, Swab Tip : Flocked Nylon, Cap color : Clear ]	
Agar gel Transport Swab : AMIES AGAR GEL - with CHARCOAL			
AD5-1S-N1P	Standard Single Swab	[ Applicator : POM with break point, Swab Tip : Nylon, Cap color : Clear ]	100 / Case
AD5-1S-2P	Standard Single Swab	[ Applicator : POM with break point, Swab Tip : Nylon, Cap color : Clear ]	
AD5-2S-N1P	Standard Single Swab	[ Applicator : POM w/o break point, Swab Tip : Nylon, Cap color : Clear ]	
AD5-2S-2P	Standard Single Swab	[ Applicator : POM w/o break point, Swab Tip : Nylon, Cap color : Clear ]	
AD6-1-N1P	Standard Double Swab	[ Applicator : POM with break point, Swab Tip : Nylon, Cap color : Blue ]	
AD6-1-2P	Standard Double Swab	[ Applicator : POM with break point, Swab Tip : Nylon, Cap color : Blue ]	
AD6-2-N1P	Standard Double Swab	[ Applicator : POM w/o break point, Swab Tip : Nylon, Cap color : Blue ]	
AD6-2-2P	Standard Double Swab	[ Applicator : POM w/o break point, Swab Tip : Nylon, Cap color : Blue ]	
AD7-1S-N1P	Standard Flocked Swab	[ Applicator : POM with break point, Swab Tip : Flocked Nylon, Cap color : Clear ]	
AD7-1S-2P	Standard Flocked Swab	[ Applicator : POM with break point, Swab Tip : Flocked Nylon, Cap color : Clear ]	
AD7-2S-N1P	Standard Flocked Swab	[ Applicator : POM w/o break point, Swab Tip : Flocked Nylon, Cap color : Clear ]	
AD7-2S-2P	Standard Flocked Swab	[ Applicator : POM w/o break point, Swab Tip : Flocked Nylon, Cap color : Clear ]	
AD8-1S-N1P	Mini tip Flocked Swab	[ Applicator : POM with break point, Swab Tip : Flocked Nylon, Cap color : Clear ]	
AD8-1S-2P	Mini tip Flocked Swab	[ Applicator : POM with break point, Swab Tip : Flocked Nylon, Cap color : Clear ]	
AD8-2S-N1P	Mini tip Flocked Swab	[ Applicator : POM w/o break point, Swab Tip : Flocked Nylon, Cap color : Clear ]	
AD8-2S-2P	Mini tip Flocked Swab	[ Applicator : POM w/o break point, Swab Tip : Flocked Nylon, Cap color : Clear ]	
Agar gel Transport Swab : STUART AGAR GEL MEDIUM			
AD9-1S-N1P	Standard Single Swab	[ Applicator : POM with break point, Swab Tip : Nylon, Cap color : Clear ]	100 / Case
AD9-2S-N1P	Standard Single Swab	[ Applicator : POM w/o break point, Swab Tip : Nylon, Cap color : Clear ]	
AD10-1-N1P	Standard Double Swab	[ Applicator : POM with break point, Swab Tip : Nylon, Cap color : Blue ]	
AD10-2-N1P	Standard Double Swab	[ Applicator : POM w/o break point, Swab Tip : Nylon, Cap color : Blue ]	
AD11-1S-N1P	Standard Flocked Swab	[ Applicator : POM with break point, Swab Tip : Flocked Nylon, Cap color : Clear ]	
AD11-2S-N1P	Standard Flocked Swab	[ Applicator : POM w/o break point, Swab Tip : Flocked Nylon, Cap color : Clear ]	
AD12-1S-N1P	Mini tip Flocked Swab	[ Applicator : POM with break point, Swab Tip : Flocked Nylon, Cap color : Clear ]	
AD12-2S-N1P	Mini tip Flocked Swab	[ Applicator : POM w/o break point, Swab Tip : Flocked Nylon, Cap color : Clear ]	
Agar gel Transport Swab : CARY - BLAIR AGAR GEL MEDIUM			
AD13-1S-N1P	Standard Single Swab	[ Applicator : POM with break point, Swab Tip : Nylon, Cap color : Clear ]	100 / Case
AD13-2S-N1P	Standard Single Swab	[ Applicator : POM w/o break point, Swab Tip : Nylon, Cap color : Clear ]	
AD14-1-N1P	Standard Double Swab	[ Applicator : POM with break point, Swab Tip : Nylon, Cap color : Blue ]	
AD14-2-N1P	Standard Double Swab	[ Applicator : POM w/o break point, Swab Tip : Nylon, Cap color : Blue ]	
AD15-1S-N1P	Standard Flocked Swab	[ Applicator : POM with break point, Swab Tip : Flocked Nylon, Cap color : Clear ]	
AD15-2S-N1P	Standard Flocked Swab	[ Applicator : POM w/o break point, Swab Tip : Flocked Nylon, Cap color : Clear ]	
AD16-1S-N1P	Mini tip Flocked Swab	[ Applicator : POM with break point, Swab Tip : Flocked Nylon, Cap color : Clear ]	
AD16-2S-N1P	Mini tip Flocked Swab	[ Applicator : POM w/o break point, Swab Tip : Flocked Nylon, Cap color : Clear ]	

# T-SWAB TRANSPORT™

## Clinical Virus Transport Medium (CTM)

### Viral Transport for Virus, Chlamydia, Mycoplasma & Ureaplasma

Noble Biosciences Clinical Virus Transport Medium (CTM) is intended for the collection and transport of clinical specimens containing Virus, Chlamydia, Mycoplasma and Ureaplasma from the collection site.

The test procedures for quality control are based upon the quality control methods described in CLSI M40-A2 and others. CTM transport medium is stable for 24 months at room temperature. Specimens in CTM medium are stable for 48 hours at room temperature. This CTM collection and transport system is certified as Biopsy Procedure Kit. Class II with product-license number 15-211 by the Korean FDA.

### Application

- All viruses (Influenza A and B, Herpes Simplex, I and II, Cytomegalovirus, Respiratory Syncytial Virus, Echovirus,,etc)
- *Chlamydia tachomatis* and *pneumoniae*
- *Mycoplasma hominis* and *pneumoniae*
- *Ureaplasma urealyticum*
- Enzyme Immuno Assays (EIA)

### T-SWAB TRANSPORT™ CTM

- 1

CTM medium transport specimens in safety by using self-standing conical tube
- 2

There are various swab applicators for the sample collection
- 3

Specimens in CTM are stable for 48 hours at room temperature
- 4

Glass beads in CTM can discharge specimens from the swab by vortex

### Clinical Virus Transport Medium (CTM)



UTNFS-1GB    CTM : Swab (NasoPharyngeal Swab) with glass beads, 2ml

### Viral Transport for Virus, Chlamydia, Mycoplasma & Ureaplasma

[ Medium Volume / Swab applicator ]



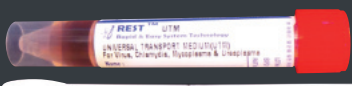

Component	Volume	Cat.No	Product Image (Swab Applicator )
12 ml Screw Cap Tube	1 ml	UTNFS-1A	
Clinical Virus Transport Medium	2 ml	UTNFS-1B	
Swab Applicator (NFS-1)	3 ml	UTNFS-1C	
12 ml Screw Cap Tube	1 ml	UTNFS-2A	
Clinical Virus Transport Medium	2 ml	UTNFS-2B	
Swab Applicator (NFS-2)	3 ml	UTNFS-2C	
12 ml Screw Cap Tube	1 ml	UTNS-1A	
Clinical Virus Transport Medium	2 ml	UTNS-1B	
Swab Applicator (NS-1)	3 ml	UTNS-1C	
12 ml Screw Cap Tube	2 ml	UTDNS-1B	
Clinical Virus Transport Medium	3 ml	UTDNS-1C	
Swab Applicator (DNS-1)			



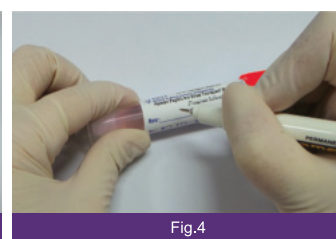
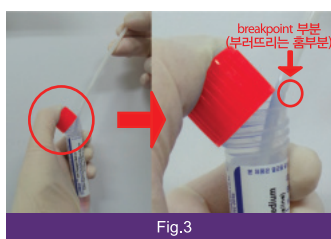


## Viral Transport for Virus, Chlamydia, Mycoplasma & Ureaplasma

[ Medium Volume / Swab applicator ]

Component	Volume	Cat.No	Product Image (Swab Applicator)
12 ml Screw Cap Tube Clinical Virus Transport Medium Swab Applicator (NFS-7)	2 ml 3 ml	UTNFS-7B UTNFS-7C	
12 ml Screw Cap Tube Clinical Virus Transport Medium Swab Applicator (NFS-8)	2 ml 3 ml	UTNFS-8B UTNFS-8C	
12 ml Screw Cap Tube Clinical Virus Transport Medium Swab Applicator (NFS-9)	2 ml 3 ml	UTNFS-9B UTNFS-9C	
12 ml Screw Cap Tube Clinical Virus Transport Medium Swab Applicator (NFS-3)	2 ml 3 ml	UTNFS-3B UTNFS-3C	

## Clinical Virus Transport Medium (CTM) [ Specimen Collection Procedure ]



[Fig.1] Peel open the sealed pouch pack.

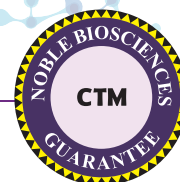
[Fig.2] Remove one swab from the pouch and collect the specimen without bending the swab.

[Fig.3] Aseptically remove the cap from the vial and insert the swab into the tube containing medium.  
Break the swab shaft by bending the swab.

[Fig.4] Replace the cap and secure the lid tight and record the patient's information on the label.  
Transfer the tube containing the specimen to laboratory for analysis.

- Products, biopsy procedure kit certified as class II are manufactured based on the GMP facilities and ISO13845 guide line. These collection swabs are used to analyze virus for human and animal.
- Specimens in CTM medium are stable for 48 hours at room temperature.
- There are various swab types such as general swab, standard flocked swab, mini-tip flocked swab, endo/exo cervical flocked swab depends on collection site.

# T-SWAB TRANSPORT™ Clinical Virus Transport Medium (CTM)



## Viral Transport for Virus, Chlamydia, Mycoplasma & Ureaplasma



**Ordering Information :** These products are medical devices certified as class II by the Korean FDA.

Cat.No	Description	Packaging
<b>Clinical Virus Transport Medium [CTM], 1ML</b>		
UTNFS-1A	Nasopharyngeal Swab with breakpoint	[Swab Applicator NFS-1]
UTNFS-1GA	Nasopharyngeal Swab with breakpoint	[Swab Applicator NFS-1], with glass beads
UTNFS-2A	Standard flocked Swab with breakpoint	[Swab Applicator NFS-2]
UTNFS-2GA	Standard flocked Swab with breakpoint	[Swab Applicator NFS-2], with glass beads
UTNS-1A	Standard Single Swab with breakpoint	[Swab Applicator NS-1]
UTNS-1GA	Standard Single Swab with breakpoint	[Swab Applicator NS-1], with glass beads
<b>Clinical Virus Transport Medium [CTM], 2ML</b>		
UTNFS-1B	Nasopharyngeal Swab with breakpoint	[Swab Applicator NFS-1]
UTNFS-1GB	Nasopharyngeal Swab with breakpoint	[Swab Applicator NFS-1], with glass beads
UTNFS-2B	Standard flocked Swab with breakpoint	[Swab Applicator NFS-2]
UTNFS-2GB	Standard flocked Swab with breakpoint	[Swab Applicator NFS-2], with glass beads
UTNFS-3B	Flocked Double Swab with breakpoint	[Swab Applicator NFS-3]
UTNFS-3GB	Flocked Double Swab with breakpoint	[Swab Applicator NFS-3], with glass beads
UTNFS-7B	EndoCervical flocked Swab with breakpoint	[Swab Applicator NFS-7]
UTNFS-7GB	EndoCervical flocked Swab with breakpoint	[Swab Applicator NFS-7], with glass beads
UTNFS-8B	ExoCervical flocked Swab with breakpoint	[Swab Applicator NFS-8]
UTNFS-8GB	ExoCervical flocked Swab with breakpoint	[Swab Applicator NFS-8], with glass beads
UTNFS-9B	co-Cervical flocked Swab with breakpoint	[Swab Applicator NFS-9]
UTDNS-9GB	co-Cervical flocked Swab with breakpoint	[Swab Applicator NFS-9], with glass beads
UTNS-1B	Standard Single Swab with breakpoint	[Swab Applicator NS-1]
UTNS-1GB	Standard Single Swab with breakpoint	[Swab Applicator NS-1], with glass beads
UTDNS-1B	Standard Double Swab with breakpoint	[Swab Applicator DNS-1]
UTDNS-1GB	Standard Double Swab with breakpoint	[Swab Applicator DNS-1], with glass beads
<b>Clinical Virus Transport Medium [CTM], 3ML</b>		
UTNFS-1C	Nasopharyngeal Swab with breakpoint	[Swab Applicator NFS-1]
UTNFS-1GC	Nasopharyngeal Swab with breakpoint	[Swab Applicator NFS-1], with glass beads
UTNFS-2C	Standard flocked Swab with breakpoint	[Swab Applicator NFS-2]
UTNFS-2GC	Standard flocked Swab with breakpoint	[Swab Applicator NFS-2], with glass beads
UTNFS-3C	Flocked Double Swab with breakpoint	[Swab Applicator NFS-3]
UTNFS-3GC	Flocked Double Swab with breakpoint	[Swab Applicator NFS-3], with glass beads
UTNFS-7C	EndoCervical flocked Swab with breakpoint	[Swab Applicator NFS-7]
UTNFS-7GC	EndoCervical flocked Swab with breakpoint	[Swab Applicator NFS-7], with glass beads
UTNFS-8C	ExoCervical flocked Swab with breakpoint	[Swab Applicator NFS-8]
UTNFS-8GC	ExoCervical flocked Swab with breakpoint	[Swab Applicator NFS-8], with glass beads
UTNFS-9C	co-Cervical flocked Swab with breakpoint	[Swab Applicator NFS-9]
UTNFS-9GC	co-Cervical flocked Swab with breakpoint	[Swab Applicator NFS-9], with glass beads
UTNS-1C	Standard Single Swab with breakpoint	[Swab Applicator NS-1]
UTNS-1GC	Standard Single Swab with breakpoint	[Swab Applicator NS-1], with glass beads
UTDNS-1C	Standard Double Swab with breakpoint	[Swab Applicator DNS-1]
UTDNS-1GC	Standard Double Swab with breakpoint	[Swab Applicator DNS-1], with glass beads

## CTM - Dropper Tube S



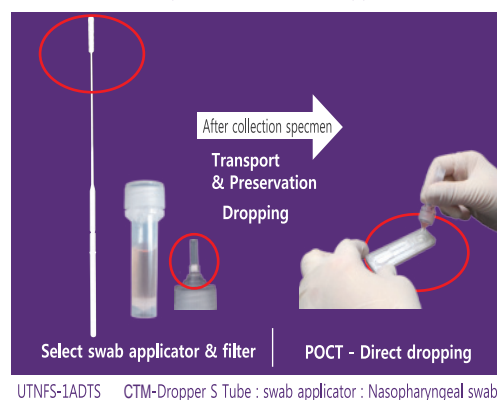
### CTM - Dropper Tube S for Viral, Chlamydia, Mycoplasma & Ureaplasma

Clinical Virus Transport Medium (CTM) manufactured by Noble Biosciences, Inc.. is intended for the collection and transport of clinical specimens containing Virus, Chlamydia, Mycoplasma and Ureaplasma from the collection site. CTM-dropper tube S designed specifically is used to collect specimens in the field diagnostic test as Point of Care Testing (POCT) directly. Specimens in CTM medium are stable for 48 hours at room temperature. This CTM collection and transport system is certified as Biopsy Procedure Kit. Class II with product-license number 15-211 by the Korean FDA.

### CTM - Dropper Tube S Characteristics of Transport Media

- 1 Transport specimens in safety by using exclusive container. It's designed specifically to apply to field diagnostic test as Point of Care Testing(POCT)
- 2 Specimens in CTM medium are stable for 48 hours at room temperature
- 3 Customer can select filter type.
- 4 By using dropper tube, specimens can be discharged easily from the swab.

#### Clinical Virus Transport Medium (CTM) [ Virus transport medium with Dropper tube S ]



### CTM - Dropper Tube S Test Procedure



Fig. 1



Fig. 2



Fig. 3



Fig. 4

[ Fig.1 ] Peel open the sealed pouch pack.

[ Fig.2 ] Remove one swab from the pouch and collect the specimen without bending the swab.

Aseptically remove the cap from the tube and insert the swab into the tube medium. Discharge specimens by pushing tube with thumb and forefinger.

[ Fig.3 ] Replace the cap and secure the lid tight and record the patient's information on the label. Transfer the tube containing the specimen to laboratory for analysis.

[ Fig.4 ] In the field diagnostic test(POCT), drop sample liquid to the test kit directly after break the cap and replace the general cap tight to save the specimens.

### Ordering Information : These products are medical devices certified as class II by the Korean FDA

[ Media Type / Swab Applicatyor Type ]

Component	Volume	Cat.No	Product Image (Swab Applicator)
Dropper tube S Clinical Virus Transport Medium Swab Applicator (NFS-1)	1 ml	UTNFS-1ADTS	
Dropper tube S Clinical Virus Transport Medium Swab Applicator (NFS-2)	1 ml	UTNFS-2ADTS	





# Medium

This HPV collection and transport system is certified as Biopsy Procedure Kit, class II with product-license number 15-4092 by the Korean FDA.

- 1 HPV medium transport specimens in safety by using self-standing conical tube
- 2 The quality control methods are based upon CLSI M40-A2 guide line.
- 3 There are Endo/Exo swab applicators for the each target speimen.
- 4 Glass beads in HPV can discharge specimens from the swab by vortex
- 5 Nucleic acid stabilization reagent can be used for the long term storage of specimens, 1 week at room temperature.

★★ **BEST** ★★

Swab applicator  
Product license number : 14-1811

HPV Transport Medium  
Product license number : 15-4092

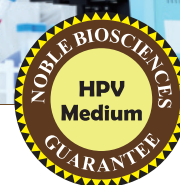
1	Medium Volume ( HPVX-NFS7-N1P : X=> B :2ML, C :3ML )
2	Medium Type ( XXXB-NFS7-N1P : XXX=> HPV : Phosphate Buffered Saline, NPT : Nucleic Acid Preservation Medium)
3	Glass Beads ( HPVXB-NFS7-N1P : X=> G, G indicate glass beads )
4	Swab Type ( HPVB-XXX-N1P : XXX=> NFS7 : NFS-7 Endo Cervical Swab, NFS8 : NFS-8 Exo Cervical Swab APPLICATOR
5	Package Type ( HPVB-NFS7-XXX : XXX=> N1P : Single packing containing swab and medium 2P : Double packing containing swab pouch and medium



◁ Single and Double packing for HPV medium ▷

# T-SWAB TRANSPORT™

## Human Papilloma Virus Transport Medium



### HPV Transport Medium [ Medium Volume / Swab applicator ]

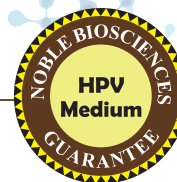
Component	Volume	Cat.No	Product Image (Swab Applicator)
12 ml Screw Cap Tube HPV Medium (Phosphate Buffered Saline) Swab Applicator (NFS-7)	2 ml 3 ml	HPVB-NFS7-N1P HPVC-NFS7-N1P	
12 ml Screw Cap Tube HPV Medium (Nucleic Acid Preservation Medium) Swab Applicator (NFS-7)	2 ml 3 ml	NPTB-NFS7-N1P NPTC-NFS7-N1P	

**Ordering Information :** These products are medical devices certified as class II by the Korean FDA.

Cat.No	Description	Packaging
<b>Human Papillma Virus Transport Medium [ HPV Medium, PBS BASE ], 1 ML</b>		
HPVA-NFS2-N1P HPVA-NFS2-2P HPVA-NFS2C-N1P HPVA-NFS2C-2P	Standard Flocked Swab with break point [ Swab Applicator NFS-2 ], N1P package Standard Flocked Swab with break point [ Swab Applicator NFS-2 ], 2P package Standard Flocked Swab & Cleaning Swab [ Swab Applicator NFS-2, NS-1 ], N1P package Standard Flocked Swab & Cleaning Swab [ Swab Applicator NFS-2, NS-1 ], 2P package	50 pcs / Case
<b>Human Papillma Virus Transport Medium [ HPV Medium, PBS BASE ], 2 ML</b>		
HPVB-NFS2-N1P HPVB-NFS2-2P HPVB-NFS2C-N1P HPVB-NFS2C-2P HPVB-NFS7-N1P HPVB-NFS8-N1P HPVB-NFS8C-N1P HPVB-CB1-N1P HPVB-CB1C-N1P	Standard Flocked Swab with break point [ Swab Applicator NFS-2 ], N1P package Standard Flocked Swab with break point [ Swab Applicator NFS-2 ], 2P package Standard Flocked Swab & Cleaning Swab [ Swab Applicator NFS-2, NS-1 ], N1P package Standard Flocked Swab & Cleaning Swab [ Swab Applicator NFS-2, NS-1 ], 2P package Big head Flocked Swab with break point [ Swab Applicator NFS-7 ], N1P package Cervical Flocked Swab with break point [ Swab Applicator NFS-8 ], N1P package Cervical Flocked Swab & Cleaning Swab [ Swab Applicator NFS-8, NS-1 ], N1P package Cervical Brush Swab with break point [ Swab Applicator CB-1 ], N1P package Cervical Brush Swab & Cleaning Swab [ Swab Applicator CB-1, NS-1 ], N1P package	50 pcs / Case
<b>Human Papillma Virus Transport Medium [ HPV Medium, PBS BASE ], 3 ML</b>		
HPVC-NFS2-N1P HPVC-NFS2-2P HPVC-NFS2C-N1P HPVC-NFS2C-2P HPVC-NFS7-N1P HPVC-NFS8-N1P HPVC-NFS8C-N1P HPVC-CB1-N1P HPVC-CB1C-N1P	Standard Flocked Swab with break point [ Swab Applicator NFS-2 ], N1P package Standard Flocked Swab with break point [ Swab Applicator NFS-2 ], 2P package Standard Flocked Swab & Cleaning Swab [ Swab Applicator NFS-2, NS-1 ], N1P package Standard Flocked Swab & Cleaning Swab [ Swab Applicator NFS-2, NS-1 ], 2P package Big head Flocked Swab with break point [ Swab Applicator NFS-7 ], N1P package Cervical Flocked Swab with break point [ Swab Applicator NFS-8 ], N1P package Cervical Flocked Swab & Cleaning Swab [ Swab Applicator NFS-8, NS-1 ], N1P package Cervical Brush Swab with break point [ Swab Applicator CB-1 ], N1P package Cervical Brush Swab & Cleaning Swab [ Swab Applicator CB-1, NS-1 ], N1P package	50 pcs / Case
<b>Human Papillma Virus Transport Medium [ HPV Medium, Nucleic Acid Preservation Medium ], 2 ML</b>		
NPTB-NFS2-N1P NPTGB-NFS2-N1P NPTB-NFS2C-N1P NPTGB-NFS2C-N1P NPTB-NFS7-N1P NPTB-NFS8-N1P NPTB-NFS8C-N1P NPTB-CB1-N1P NPTB-CB1C-N1P	Standard Flocked Swab with break point [ Swab Applicator NFS-2 ], N1P package Standard Flocked Swab with break point [ Swab Applicator NFS-2 ], N1P package, with glass beads Standard Flocked Swab & Cleaning Swab [ Swab Applicator NFS-2, NS-1 ], N1P package Standard Flocked Swab & Cleaning Swab [ Swab Applicator NFS-2, NS-1 ], N1P package, with glass beads Big head Flocked Swab with break point [ Swab Applicator NFS-7 ], N1P package Cervical Flocked Swab with break point [ Swab Applicator NFS-8 ], N1P package Cervical Flocked Swab & Cleaning Swab [ Swab Applicator NFS-8, NS-1 ], N1P package Cervical Brush Swab with break point [ Swab Applicator CB-1 ], N1P package Cervical Brush Swab & Cleaning Swab [ Swab Applicator CB-1, NS-1 ], N1P package	50 pcs / Case
<b>Human Papillma Virus Transport Medium [ HPV Medium, Nucleic Acid Preservation Medium ], 2 ML</b>		
NPTC-NFS2-N1P NPTGC-NFS2-N1P NPTC-NFS2C-N1P NPTGC-NFS2C-N1P NPTC-NFS7-N1P NPTC-NFS8-N1P NPTC-NFS8C-N1P NPTC-CB1-N1P NPTC-CB1C-N1P	Standard Flocked Swab with break point [ Swab Applicator NFS-2 ], N1P package Standard Flocked Swab with break point [ Swab Applicator NFS-2 ], N1P package, with glass beads Standard Flocked Swab & Cleaning Swab [ Swab Applicator NFS-2, NS-1 ], N1P package Standard Flocked Swab & Cleaning Swab [ Swab Applicator NFS-2, NS-1 ], N1P package, with glass beads Big head Flocked Swab with break point [ Swab Applicator NFS-7 ], N1P package Cervical Flocked Swab with break point [ Swab Applicator NFS-8 ], N1P package Cervical Flocked Swab & Cleaning Swab [ Swab Applicator NFS-8, NS-1 ], N1P package Cervical Brush Swab with break point [ Swab Applicator CB-1 ], N1P package Cervical Brush Swab & Cleaning Swab [ Swab Applicator CB-1, NS-1 ], N1P package	50 pcs / Case

# T-SWAB TRANSPORT™

## Human Papilloma Virus Transport Medium



### HPV Transport Medium [ Medium Volume / Swab applicator ]

Component	Volume	Cat.No	Product Image (Swab Applicator)
12 ml Screw Cap Tube HPV Medium (phosphate Buffered Saline)	1 ml	HPVA-NFS2-N1P	
Swab Applicator (NFS-2 : Flocked Swab)	2 ml	HPVB-NFS2-N1P	
12 ml Screw Cap Tube HPV Medium (phosphate Buffered Saline)	1 ml	HPVA-NFS2C-N1P	
Swab Applicator (NFS-2 : Flocked Swab)	2 ml	HPVB-NFS2C-N1P	
Cleaning Swab Applicator (NS-1)			
12 ml Screw Cap Tube HPV Medium (phosphate Buffered Saline)	2 ml	HPVB-NFS8-N1P	
Swab Applicator (NFS-8 : Flocked Swab)	3 ml	HPVC-NFS8-N1P	
12 ml Screw Cap Tube HPV Medium (phosphate Buffered Saline)	2 ml	HPVB-NFS8C-N1P	
Swab Applicator (NFS-8 : Flocked Swab)	3 ml	HPVC-NFS8C-N1P	
Cleaning Swab Applicator (NS-1)			
12 ml Screw Cap Tube HPV Medium (phosphate Buffered Saline)	2 ml	HPVB-CB1-N1P	
Swab Applicator (CB1 : Cervical Brush)	3 ml	HPVC-CB1-N1P	
12 ml Screw Cap Tube HPV Medium (phosphate Buffered Saline)	2 ml	HPVB-CB1C-N1P	
Swab Applicator (CB1 : Cervical Brush)	3 ml	HPVC-CB1C-N1P	
Cleaning Swab Applicator (NS-1)			
12 ml Screw Cap Tube HPV Medium (Nucleic Acid Preservation Medium)	1 ml	NPTA-NFS2-N1P	
Swab Applicator (NFS-2 : Flocked Swab)	2 ml	NPTB-NFS2-N1P	
12 ml Screw Cap Tube HPV Medium (Nucleic Acid Preservation Medium)	1 ml	NPTA-NFS2C-N1P	
Swab Applicator (NFS-2 : Flocked Swab)	2 ml	NPTB-NFS2C-N1P	
Cleaning Swab Applicator (NS-1)			
12 ml Screw Cap Tube HPV Medium (Nucleic Acid Preservation Medium)	2 ml	NPTB-NFS8-N1P	
Swab Applicator (NFS-8 : Flocked Swab)	3 ml	NPTC-NFS8-N1P	
12 ml Screw Cap Tube HPV Medium (Nucleic Acid Preservation Medium)	2 ml	NPTB-NFS8C-N1P	
Swab Applicator (NFS-8 : Flocked Swab)	3 ml	NPTC-NFS8C-N1P	
Cleaning Swab Applicator (NS-1)			
12 ml Screw Cap Tube HPV Medium (Nucleic Acid Preservation Medium)	2 ml	NPTB-CB1-N1P	
Swab Applicator (CB1 : Cervical Brush)	3 ml	NPTC-CB1-N1P	
12 ml Screw Cap Tube HPV Medium (Nucleic Acid Preservation Medium)	2 ml	NPTB-CB1C-N1P	
Swab Applicator (CB1 : Cervical Brush)	3 ml	NPTC-CB1C-N1P	
Cleaning Swab Applicator (NS-1)			



# T-SWAB TRANSPORT™

## Nucleic Acid Preservation & Tansport Medium



### Nucleic Acid Preservation & Tansport Medium

Noble Biosciences Nucleic Acid Preservation & Transport Medium is for the specimen collection and preservation of nucleic acid from the target specimen. Glass beads in this medium can discharge specimens from the swab by vortex.

Antimicrobial agents are incorporated to minimize commensal bacterial and fungal contamination. DNA can be stored for 5 months, and RNA for 1 week.

The test procedures for quality control are based upon the quality control methods described in CLSI M40-A2 and others.

Nucleic Acid Preservation & Transport medium is certified as Biopsy Procedure Kit, class II with product-license number 15-4092 by the Korean FDA.

### Application

Specimen collection and nucleic acid preservation for the molecular diagnostics.

### T-SWAB TRANSPORT™ Nucleic Acid

- 1 Medium transport specimens in safety by using self-standing conical tube
- 2 The quality control methods are based upon CLSI M40-A2 guide line.
- 3 There are various swab applicators for the sample collection.
- 4 Glass beads in this medium can discharge specimens from the swab by vortex
- 5 Nucleic acid of collected specimens is stable for a long term.

### Nucleic acid Transport Medium



NPTGB-NFS2-2P Nucleic Acid Preservation & Transport Medium with glass beads : Swab( flocked Swab :NFS-2)

### Nucleic Acid Preservation & Transport Medium [ Medium Volume / Swab applicator ]

Component	Volume	Cat.No	Product Image (Swab Applicator)
12 ml Screw Cap Tube	1 ml	NPTA-NFS1-N1P	
Nucleic acid Preservation Medium	2 ml	NPTB-NFS1-N1P	
Swab Applicator (NFS-1)	3 ml	NPTC-NFS1-N1P	
12 ml Screw Cap Tube	1 ml	NPTA-NFS2-N1P	
Nucleic acid Preservation Medium	2 ml	NPTB-NFS2-N1P	
Swab Applicator (NFS-2)	3 ml	NPTC-NFS2-N1P	
12 ml Screw Cap Tube	1 ml	NPTA-NS1-N1P	
Nucleic acid Preservation Medium	2 ml	NPTB-NS1-N1P	
Swab Applicator (NS-1)	3 ml	NPTC-NS1-N1P	
12 ml Screw Cap Tube	2 ml	NPTB-NFS7-N1P	
Nucleic acid Preservation Medium	3 ml	NPTC-NFS7-N1P	
12 ml Screw Cap Tube	2 ml	NPTB-NFS8-N1P	
Nucleic acid Preservation Medium	3 ml	NPTC-NFS8-N1P	

# T-SWAB TRANSPORT™

## Nucleic Acid Preservation & Transport Medium



- 1 Medium Volume (NPTX-NFS1-N1P : X => A: 1ML, B: 2ML, C: 3ML)
- 2 Glass Beads  
NPTXB-NFS1-N1P : X => G, G indicate glass beads
- 3 Swab Type (NPTB-XXX-N1P : XXX=>  
NFS1 : NFS-1, NFS2 : NFS-2, NS1 : NS-1, NFS7 : NFS-7, NFS8 : NFS-8 APPLICATOR  
Biopsy procedure swab (\*www.swab.co.kr)
- 4 Package Type (NPTB-NFS1-XXX : XXX=>  
N1P : Single packing containing swab and medium  
2P : Double packing containing swab pouch and medium

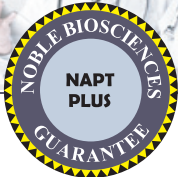


< Single and Double packing for NAPT medium >

**Ordering Information :** These products are medical devices certified as class II by the Korean FDA.

Cat.No	Description		Packaging
	Nucleic Acid Preservation & Transport Medium		
NPTA-NFS1-N1P	Mini tip flocked swab	[ Swab Applicator NFS-1 ], 1 ml of medium, N1P Package	50 pcs / Case
NPTGA-NFS1-N1P	Mini tip flocked swab	[ Swab Applicator NFS-1 ], 1 ml of medium, N1P Package , with glass beads	
NPTA-NFS1-2P	Mini tip flocked swab	[ Swab Applicator NFS-1 ], 1 ml of medium, 2P Package	
NPTGA-NFS1-2P	Mini tip flocked swab	[ Swab Applicator NFS-1 ], 1 ml of medium, 2P Package , with glass beads	
NPTA-NFS2-N1P	Standard flocked swab	[ Swab Applicator NFS-2 ], 1 ml of medium, N1P Package	50 pcs / Case
NPTGA-NFS2-N1P	Standard flocked swab	[ Swab Applicator NFS-2 ], 1 ml of medium, N1P Package , with glass beads	
NPTA-NFS2-2P	Standard flocked swab	[ Swab Applicator NFS-2 ], 1 ml of medium, 2P Package	
NPTGA-NFS2-2P	Standard flocked swab	[ Swab Applicator NFS-2 ], 1 ml of medium, 2P Package , with glass beads	
NPTB-NFS2-N1P	Standard flocked swab	[ Swab Applicator NFS-2 ], 2 ml of medium, N1P Package	50 pcs / Case
NPTGB-NFS2-N1P	Standard flocked swab	[ Swab Applicator NFS-2 ], 2 ml of medium, N1P Package , with glass beads	
NPTB-NFS2-2P	Standard flocked swab	[ Swab Applicator NFS-2 ], 2 ml of medium, 2P Package	
NPTGB-NFS2-2P	Standard flocked swab	[ Swab Applicator NFS-2 ], 2 ml of medium, 2P Package , with glass beads	
NPTA-NS1-N1P	Standard Nylon swab	[ Swab Applicator NS-1 ], 1 ml of medium, N1P Package	50 pcs / Case
NPTGA-NS1-N1P	Standard Nylon swab	[ Swab Applicator NS-1 ], 1 ml of medium, N1P Package , with glass beads	
NPTA-NS1-2P	Standard Nylon swab	[ Swab Applicator NS-1 ], 1 ml of medium, 2P Package	
NPTGA-NS1-2P	Standard Nylon swab	[ Swab Applicator NS-1 ], 1 ml of medium, 2P Package , with glass beads	
NPTB-NS1-N1P	Standard Nylon swab	[ Swab Applicator NS-1 ], 2 ml of medium, N1P Package	50 pcs / Case
NPTGB-NS1-N1P	Standard Nylon swab	[ Swab Applicator NS-1 ], 2 ml of medium, N1P Package , with glass beads	
NPTB-NS1-2P	Standard Nylon swab	[ Swab Applicator NS-1 ], 2 ml of medium, 2P Package	
NPTGB-NS1-2P	Standard Nylon swab	[ Swab Applicator NS-1 ], 2 ml of medium, 2P Package , with glass beads	
NPTB-NFS7-N1P	Endo-Cervical flocked swab	[ Swab Applicator NFS-7 ], 2 ml of medium, N1P Package	50 pcs / Case
NPTGB-NFS7-N1P	Endo-Cervical flocked swab	[ Swab Applicator NFS-7 ], 2 ml of medium, N1P Package , with glass beads	
NPTB-NFS7-2P	Endo-Cervical flocked swab	[ Swab Applicator NFS-7 ], 2 ml of medium, 2P Package	
NPTGB-NFS7-2P	Endo-Cervical flocked swab	[ Swab Applicator NFS-7 ], 2 ml of medium, 2P Package , with glass beads	
NPTC-NFS7-N1P	Endo-Cervical flocked swab	[ Swab Applicator NFS-7 ], 3 ml of medium, N1P Package	50 pcs / Case
NPTGC-NFS7-N1P	Endo-Cervical flocked swab	[ Swab Applicator NFS-7 ], 3 ml of medium, N1P Package , with glass beads	
NPTC-NFS7-2P	Endo-Cervical flocked swab	[ Swab Applicator NFS-7 ], 3 ml of medium, 2P Package	
NPTGC-NFS7-2P	Endo-Cervical flocked swab	[ Swab Applicator NFS-7 ], 3 ml of medium, 2P Package , with glass beads	
NPTB-NFS8-N1P	Exo-Cervical flocked swab	[ Swab Applicator NFS-8 ], 2 ml of medium, N1P Package	50 pcs / Case
NPTGB-NFS8-N1P	Exo-Cervical flocked swab	[ Swab Applicator NFS-8 ], 2 ml of medium, N1P Package , with glass beads	
NPTB-NFS8-2P	Exo-Cervical flocked swab	[ Swab Applicator NFS-8 ], 2 ml of medium, 2P Package	
NPTGB-NFS8-2P	Exo-Cervical flocked swab	[ Swab Applicator NFS-8 ], 2 ml of medium, 2P Package , with glass beads	
NPTC-NFS8-N1P	Exo-Cervical flocked swab	[ Swab Applicator NFS-8 ], 3 ml of medium, N1P Package	50 pcs / Case
NPTGC-NFS8-N1P	Exo-Cervical flocked swab	[ Swab Applicator NFS-8 ], 3 ml of medium, N1P Package , with glass beads	
NPTC-NFS8-2P	Exo-Cervical flocked swab	[ Swab Applicator NFS-8 ], 3 ml of medium, 2P Package	
NPTGC-NFS8-2P	Exo-Cervical flocked swab	[ Swab Applicator NFS-8 ], 3 ml of medium, 2P Package , with glass beads	

# Nucleic Acid Preservation & Transport Medium PLUS



## Nucleic Acid Preservation & Transport Medium PLUS

Noble Biosciences Nucleic Acid Preservation & Transport Medium PLUS is for the specimen collection and preservation of nucleic acid at room temperature from target specimen. Glass beads in this medium can discharge specimens from the swab by vortex. Antimicrobial agents are incorporated to minimize commensal bacteria and fungal contamination. Nucleic Acid Transport Medium is a medical device.

### NAPT PLUS Application

Specimen collection and nucleic acid preservation for molecular diagnosis.

### NAPT PLUS Characteristics of NAPT medium

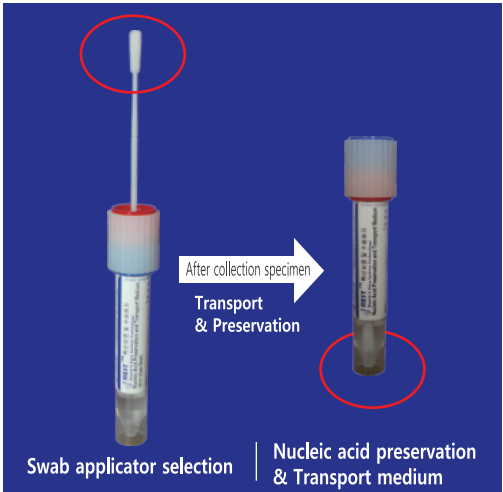
- 1

By using exclusive tube, it is transported in safety and easy to save sample because of assembled type with tube and swab.
- 2

Storage of nucleic acid from specimens at room temperature.
- 3

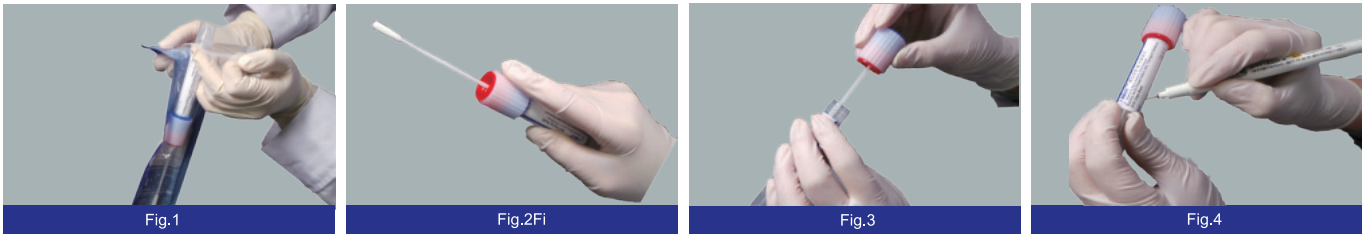
The test procedures for quality control are based upon the quality control methods described in CLSI M40-A2 and others.

### Nucleic Acid Preservation & Transport Medium PLUS



NPTB-NFS2-P Nucleic Acid Preservation & Transport Medium with glass beads : Swab (Flocked Swab : SNFS-2)

### NAPT PLUS How to use



- [Fig. 1] Peel open the sealed pouch pack.
- [Fig. 2] Collect specimen by using assembled swab.
- [Fig. 3] Open the cap assembled with swab and put it into the medium.
- [Fig. 4] Close the cap tight and record information on the label. Transfer the tube containing specimen to laboratory for analysis.

### NAPT PLUS [ Media Type / Swab Applicator Type ]

Component	Volume	Cat.No	Product Image (Swab Applicator)
12 ml Screw Cap Tube with Swab adaptor			
Nucleic acid Preservation Medium	1 ml	NPTA-S1P	
Swab Applicator (CSNFS-1)	2 ml	NPTB-S1P	
12ml Screw Cap Tube with Swab adaptor			
Nucleic acid Preservation Medium	1 ml	NPTA-S2P	
Swab Applicator (CSNFS-2)	2 ml	NPTB-S2P	



Self-Drying Swab PLUS



Self-Drying System’s Swab PLUS for human

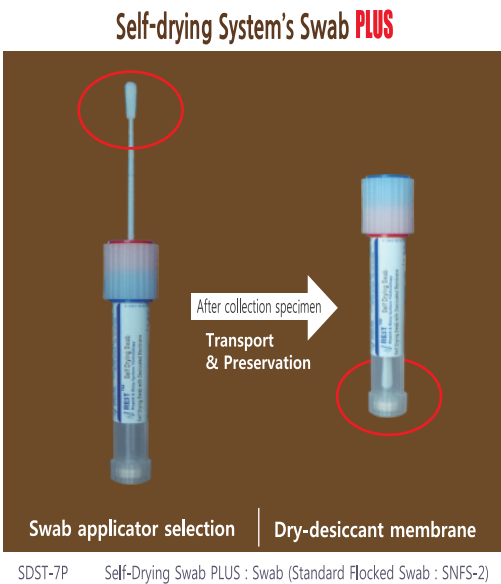
Self-drying System’s Swab PLUS is equipped with dry-desiccant membrane to prevent contamination of bacteria and fungi. It can preserve DNA of crime scene evidence, buccal epithelial cell and standard specimen for a long time. it is transported in safety and easy to save sample because of assembled type with tube and swab.  
Self-Drying System’s Swab PLUS is a medical device.

Self-Drying System’s Swab PLUS Application

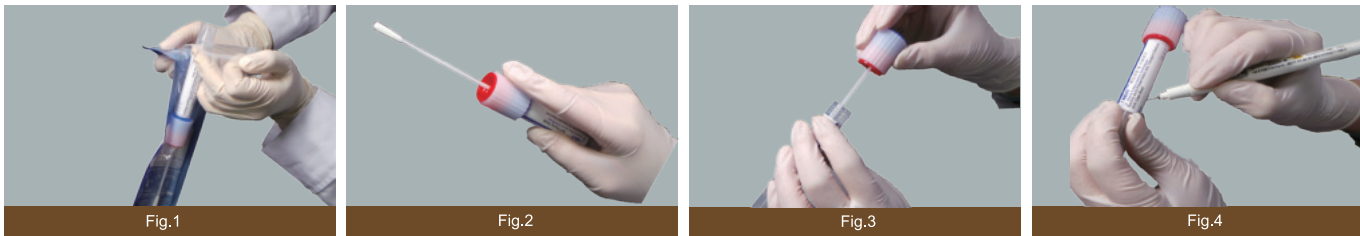
- Long term stability of buccal DNA
- Long term stability of forensic DNA

Self-Drying System’s Swab PLUS Characteristics of transport medium

- 1
- By using exclusive tube, it is transported in safety and easy to preserve sample for a long time because of assembled type with tube and swab.
- 2
- The test procedures for quality control are based upon the quality control methods described in CLSI M40-A2 and others.
- 3
- It is very stable with variation of temperature and humidity.
- 4
- It can prevent cross contamination because of fast drying capacity.



Self-Drying System’s Swab PLUS How to use



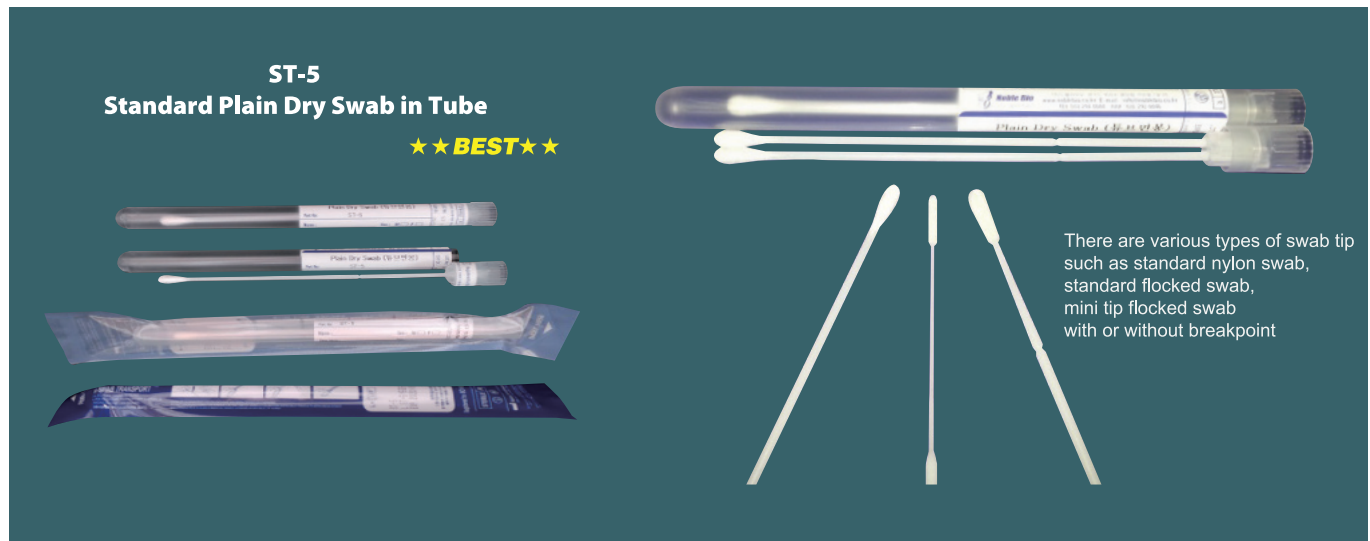
- [Fig. 1] Peel open the sealed pouch pack.
- [Fig. 2] Collect specimen by using assembled swab.
- [Fig. 3] Open the cap assembled with swab and put it into the tube with desiccant membrane.
- [Fig. 4] Close the cap tight and record information on the label. Transfer the tube containing specimen to laboratory for analysis.

Self-Drying System’s Swab PLUS [ Swab Applicator Type ]

Component	Cat.No	Product Image (Swab Applicator)
12 ml Screw Cap Tube with dry-desiccant membrane with Swab adaptor Swab Applicator (CSNFS-2) : Flocked Standard Swab	SDST-7P	
12 ml Screw Cap Tube with dry-desiccant membrane with Swab adaptor Swab Applicator (CSNS-1) : Standard Swab	SDST-8P	
12 ml Screw Cap Tube with dry-desiccant membrane with Swab adaptor Swab Applicator (CSBNS-1) : Big head Swab	SDST-9P	

# N-SWAB TRANSPORT™

## Plain Dry Swab in Tube



- Applicator (stick) : Acetal Polymer(POM)
- Swab tip(head) : Nylon / Nylon Flocked
- Package (Sterilized individual pouch) : Open easily by using Easy Film
- Lot number and expiry date is expressed on each pouch and tube.
- This product is the biopsy procedure kit certified as class II with certified item number, 14-2811
- Certificate number of Manufacturer : 4439

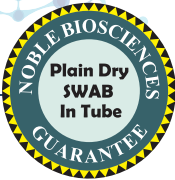
### [ Individual Pouch for the Swab in Tube ]



- Biopsy procedure swab for the collection of specimen is a medical device certified as class II by the Korean FDA.
- Agar transport medium containing collection swab and swab in tube for the biopsy procedure kit are certified medical device as class II.
- Each pouch containing swab has been sterilized with individual package.
- There are various types of swab tip such as standard nylon swab, standard flocked swab, mini tip flocked swab with or without breakpoint

# N-SWAB TRANSPORT™

## Plain Dry Swab in Tube




**Ordering Information :** These products are medical devices certified as class II by the Korean FDA.

Cat.No	Description	Packaging
ST-5	Plain Dry Swab in Tube with break point standard single nylon Swab [ Applicator : POM with break point, Swab Tip : Nylon, Cap Color : Clear ]	1,000 / Case
ST-5N	Plain Dry Swab in Tube, without break point standard single nylon Swab [ Applicator : POM without break point, Swab Tip : Nylon, Cap Color : Clear ]	
ST-6	Plain Dry Swab in Tube with break point standard double nylon Swab [ Applicator : POM with break point, Swab Tip : Nylon, Cap Color : Clear ]	
ST-6N	Plain Dry Swab in Tube without break point standard double nylon Swab [ Applicator : POM without break point, Swab Tip : Nylon, Cap Color : Clear ]	
ST-7	Plain Dry Swab in Tube, with break point buccal flocked Swab [ Applicator : POM with break point, Swab Tip : Flocked Nylon, Cap Color : Clear ]	
ST-7N	Plain Dry Swab in Tube without break point buccal flocked Swab [ Applicator : POM without break point, Swab Tip : Flocked Nylon, Cap Color : Clear ]	
ST-8	Plain Dry Swab in Tube, with break point nasopharyngeal flocked Swab [ Applicator : POM with break point, Swab Tip : Flocked Nylon, Cap Color : Clear ]	
ST-8N	Plain Dry Swab in Tube, without break point nasopharyngeal flocked Swab [ Applicator : POM without break point, Swab Tip : Flocked Nylon, Cap Color : Clear ]	

ST-5 [ Standard Single Nylon Swab ]

Description :


Plain Dry Single Nylon Swab with Break Point in Transport Tube  
(Swab Type : NS-1 + Long Type Tube)



ST-5N [ Standard Single Nylon Swab ]

Description :


Plain Dry Single Nylon Swab without Break Point in Transport Tube  
(Swab Type : NS-2 + Long Type Tube)



ST-7 [ Buccal Flocked Swab ]

Description :


Plain Dry Flocked Nylon Swab with Break Point in Transport Tube  
(Swab Type : NFS-2 + Long Type Tube)



ST-7N [ Buccal Flocked Swab ]

Description :

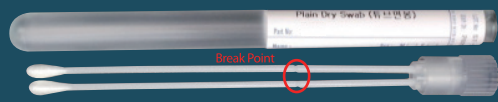
Plain Dry Flocked Nylon Swab without Break Point in Transport Tube  
(Swab Type : NFS-5 + Long Type Tube)



ST-6 [ Standard Single Nylon Swab ]

Description :


Plain Dry Single Nylon Swab with Break Point in Transport Tube  
(Swab Type : NS-2 + Long Type Tube)



ST-6N [ Standard Double Nylon Swab ]

Description :


Plain Dry Double Nylon Swab without Break Point in Transport Tube  
(Swab Type : DNS-2 + Long Type Tube)



ST-8 [ Nasopharyngeal Flocked Swab ]

Description :


Plain Dry Flocked Nylon Swab with Break Point in Transport Tube  
(Swab Type : NFS-1 + Long Type Tube)



ST-8N [ Nasopharyngeal Flocked Swab ]

Description :

Plain Dry Flocked Nylon Swab without Break Point in Transport Tube  
(Swab Type : NFS-4 + Long Type Tube)





# NFS-SWAB APPLICATOR™










## Diagnostic & Genetic Swab



Specimen collection swab as biopsy procedure kit is a medical device, class II certified by the Korean FDA.  
Raw materials of Diagnostic & Genetic Swab manufactured by Noble Biosciences are medical grade POM for applicator, nylon for swab tip(head), easy film for swab pouch.

**Ordering Information :** These products are medical devices-certified as class II by the Korean FDA.

### Flocked Swab Applicator

Cat.No	Description	※ Breakpoint Distance	Packaging
NFS-1 NFS-4	Flocked Mini Tip Swab Applicator [ Nasopharyngeal Flocked Swab ] Full length of applicator : 150 mm 	90 mm not breakable	500 / Case
NFS-2 NFS-5	Flocked Regular Swab Applicator [ Standard Flocked Swab ] Full length of applicator : 150 mm 	30 mm, 90 mm not breakable	500 / Case
NFS-3	Double Flocked Swab Applicator [NFS-1+NFS-2] with breakpoint 	90 mm 30 mm, 90 mm	500 / Case
NFS-6	Double Flocked Swab Applicator [NFS-4+NFS-5] without breakpoint 	not breakable	500 / Case
NFS-24	Double Flocked Swab Applicator [NFS-4 +NFS-2] 	not breakable 30 mm, 90 mm	500 / Case
NFS-7	EndoCervical Flocked Swab Applicator with breakpoint Full length of applicator : 190 mm 	80 mm	500 / Case
NFS-8	ExoCervical Flocked Swab Applicator with breakpoint Full length of applicator : 190 mm 	80 mm	500 / Case
NFS-10	Urethral Flocked Swab Applicator with breakpoint Full length of applicator : 150 mm 	90 mm	500 / Case
SNFS-2	Short Standard head Flocked Swab Applicator with breakpoint Full length of applicator : 90 mm 	30 mm	500 / Case

※ The length of breakpoint distance is from end of the swab tip to breakpoint.


# NFS-SWAB APPLICATOR™

## Diagnostic & Genetic Swab







**Ordering Information :** These products are medical devices certified as class II by the Korean FDA.

### Standard Swab Applicator

Cat.No	Description	※ Breakpoint Distance	Packaging
NS-1	Standard Swab Applicator [ Traditional Standard Swab ] with breakpoint Full length of applicator : 144 mm 	90 mm	500 / Case
NS-2	Standard Swab Applicator [ Traditional Standard Swab ] without breakpoint Full length of applicator : 144 mm 	not breakable	500 / Case
NS-3	Standard Swab Applicator [ Traditional Standard Swab ] with breakpoint Full length of applicator : 144 mm 	30 mm	500 / Case
DNS-1	Standard Double Swab Applicator [ 2pcs ] with breakpoint Full length of applicator : 144 mm 	90 mm	500 / Case
DNS-2	Standard Double Swab Applicator [ 2pcs ] without breakpoint Full length of applicator : 144 mm 	not breakable	500 / Case
BNS-1	Big head Swab Applicator with breakpoint Full length of applicator : 144 mm 	90 mm	500 / Case

### Brush Type Swab Applicator

Cat.No	Description	※ Breakpoint Distance	Packaging
CB-1	Cervical Brush Swab Applicator Full length of applicator : 180 mm 	90 mm	500 / Case
CB-2	Cervical Brush Swab Applicator Full length of applicator : 180 mm 	90 mm	500 / Case
CB-3	Cervical Brush Swab Applicator (Collection & Cleaning Swab) 	90 mm	500 / Case
CB-4	Cervical Brush Swab Applicator (Collection & Cleaning Swab) 	90 mm	500 / Case

# Environmental Swab

## ETS Environmental Monitoring Swab

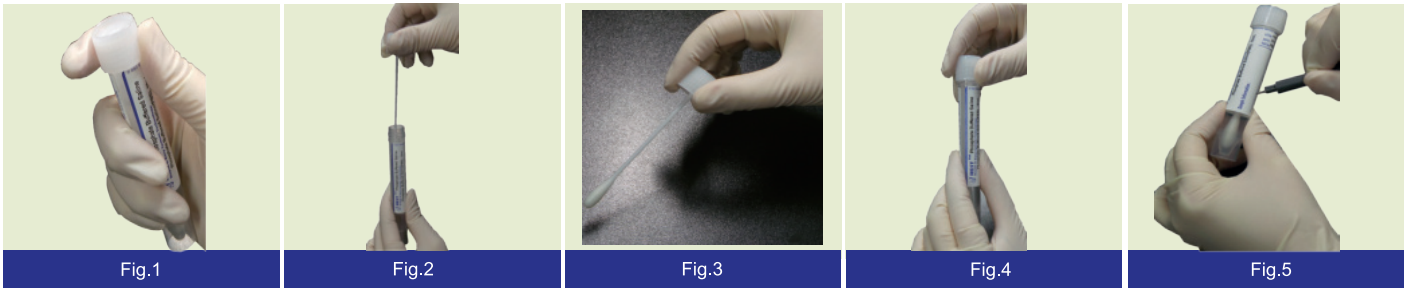


### REST™ ETS Environmental KIT (Surface Inspection Kit)

- 1 By using assembled swab with cap and exclusive tube, it is easy and fast.
- 2 This product is for surface inspection of many kinds of instruments, device, human body and etc.
- 3 Various solution and volume of saline, BPW, Lethen Broth, NRS, Bufferfield solution, Dey/Engley Neutralising Broth.
- 4 Multiple swab applicators based on your target specimens.
- 5 Used for environmental monitoring of food, cosmetic, pharmaceutical and other facility.



### REST™ ETS Swab How to use



- [Fig.1] Open the cap and push the swab head to the surface of inside wall to remove extra solution in the swab head.
- [Fig.2] Collect specimen by using 10x10 cm or 4x5 cm sample template  
Sample operator needs training to obtain specimen to test.
- [Fig.3,4] After appropriate sample collection, put the swab into the tube and close the cap tight.
- [Fig.5] Transfer the tube containing specimen to laboratory for analysis as soon as possible. Transport sample tube in 24 hrs at room temperature and store nutrient Solution (Peptone, Lethen) at 4°C.

### REST™ ETS Swab [Swab Applicator Type]



1. Standard Nylon Swab : General, Standard Swab Kit
2. Big head Nylon Swab : Larger head than standard (bigger surface)
3. Standard Flocked Swab : General, Standard Flocked Swab Kit
4. Mini tip Flocked Swab : Mini tip size and flexible stick





# Environmental Swab

## ETS Environmental Monitoring Swab



### REST™ ETS Environmental Swab Media & Swab Applicator Type

1. Media Selection : Saline 0.85%, Buffered Peptone Water, Lethen Broth, Butterfield's Solution, Neutralising Rinse Solution, Dey/Engley Neutralising Broth
2. Media Volume : 1 ml, 5 ml, 10 ml and customer ordered
3. Swab Applicator : Standard Nylon Swab, Big head Nylon Swab, Standard Flocked Swab, Mini tip Flocked Swab

### Ordering Information

**Packaging : 50ea/Case**

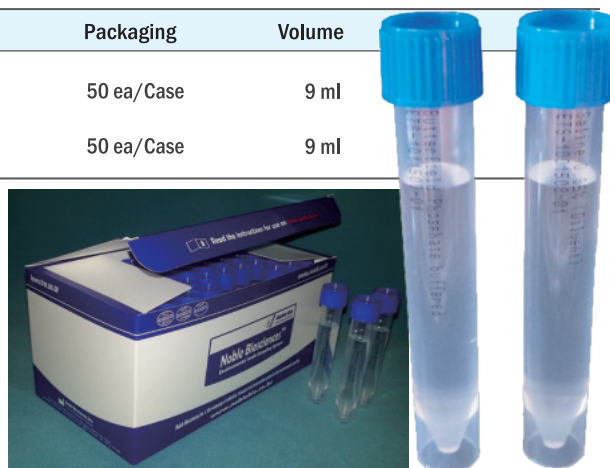
Component	Volume	Standard Nylon Swab Cat.No	Big head Nylon Swab Cat.No	Stadard Flocked Swab Cat.No	Mini tip Flocked Swab Cat.No
Saline 0.85%	5 ml	ETS-01	ETS-02	ETS-03	ETS-04
Saline 0.85%	10 ml	ETS-1	ETS-2	ETS-3	ETS-4
BPW (Buffered Peptone Water)	5 ml	ETS-05	ETS-06	ETS-07	ETS-08
BPW (Buffered Peptone Water)	10 ml	ETS-5	ETS-6	ETS-7	ETS-8
Lethen Broth	1 ml	ETS-10	ETS-13	ETS-16	ETS-19
Lethen Broth	5 ml	ETS-11	ETS-14	ETS-17	ETS-20
Lethen Broth	10 ml	ETS-12	ETS-15	ETS-18	ETS-21
Butterfield's Solution	5 ml	ETS-30	ETS-32	ETS-34	ETS-36
Butterfield's Solution	10 ml	ETS-31	ETS-33	ETS-35	ETS-37
NRS (Neutralising Rinse Solution)	1 ml	ETS-40	ETS-43	ETS-46	ETS-49
NRS (Neutralising Rinse Solution)	5 ml	ETS-41	ETS-44	ETS-47	ETS-50
NRS (Neutralising Rinse Solution)	10 ml	ETS-42	ETS-45	ETS-48	ETS-51
Dey/Engley Neutralising Broth	5 ml	ETS-60	ETS-62	ETS-64	ETS-66
Dey/Engley Neutralising Broth	10 ml	ETS-61	ETS-63	ETS-65	ETS-67



### REST™ Diluent (9 ml Sterile Diluent(Saline and Phosphate Buffer))

Component	Cat.No	Packaging	Volume
Saline 0.85% Diluent	ETS-100	50 ea/Case	9 ml
Butterfield's Phosphate Buffered Diluent	ETS-101	50 ea/Case	9 ml

\* Gamma-Irradiated Diluent with Certificate



# Pipette Tips (Sterile Tip System)

## Recycling & Economy System Technology



### Sterile Tip System [Pipette Tips]

- 1 This product can be used with sterilization and economic price.
- 2 By case recovery for tips from customers, it's recyclable and environmental friendly with lower price when purchasing next tips.
- 3 Raw material is PP resin for Gamma-Irradiation to minimize yellowing and denaturation.
- 4 Pipette Tips are composed of outer and inner rack, and well-sealed inner rack has been supplied after Gamma-Irradiation.



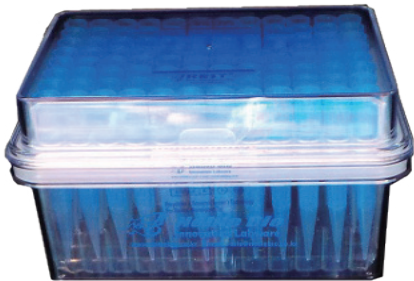
Recycling, Rapid, Economy and Easy



Racked White Tip



Racked Yellow Tip



Racked Blue Tip

### Sterile Tip System How to use



STEP 1

Peel open sealed inner rack



STEP 2

Put inner rack into the lower base rack



STEP 3

Cover with the upper base rack



STEP 4

push the upper base rack



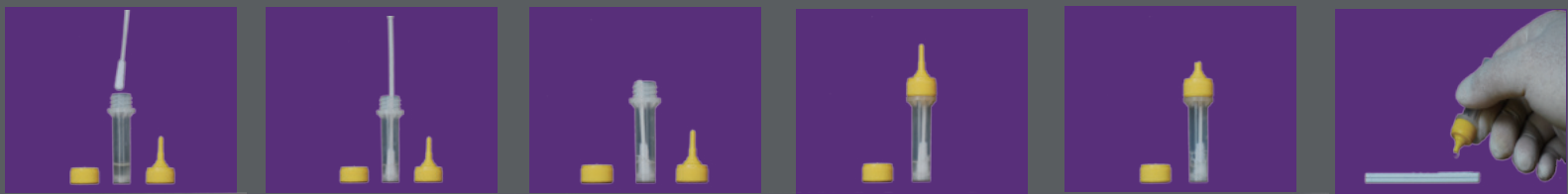
STEP 5

Open the upper base rack and use tips

### Ordering Information Racked Micropipette Tip (Recycling & Economy System Technology)

Cat.No	Description	Quantity
REST-W	Racked White Tip, 10ul, Gamma-ray sterile, 96tips/Rack, 100Rack/Case	9,600 / Case
REST-Y	Racked Yellow Tip, 200ul, Gamma-ray sterile, 96tips/Rack, 100Rack/Case	9,600 / Case
REST-B	Racked Blue Tip, 1,000ul, Gamma-ray sterile, 96tips/Rack, 100Rack/Case	9,600 / Case
REST-WS	Starter Racked White Tip, 10ul, Gamma-ray sterile, 96tips/Rack, 100Rack/Case	9,600 / Case
REST-YS	Starter Racked Yellow Tip, 200ul, Gamma-ray sterile, 96tips/Rack, 100Rack/Case	9,600 / Case
REST-BS	Starter Racked Blue Tip, 1,000ul, Gamma-ray sterile, 96tips/Rack, 100Rack/Case	9,600 / Case

\* Starter Racked Tip is composed of 100 Rack/Case, 96 Tips/Rack and supply 10 ea X base rack (outer rack)



# Dropper Tube S

## Dropper Tube S for Multi-purpose

Noble Biosciences’ dropper tubes are excellent at dispensing one uniform drop at a time. our high quality dropper tubes are made of low density polyethylene(LDPE) and the dropping cap having breakpoint and solid cap are made of polypropylene(PP) with excellent chemical resistance. The dropper tubes are available in black or white for light sensitive samples or natural to allow seeing the filling height. The dropping and solid caps are available in clear, yellow, blue, red and violet color. Filters can be included in the dropping caps to eliminate suspended solids.

## Dropper Tube S

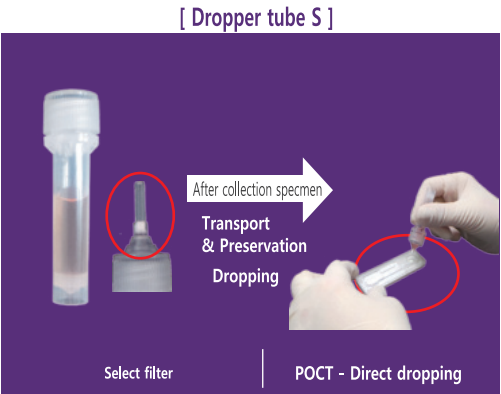
- 1

This product can be used for field diagnostic test as the Point of Care Tesing (POCT)
- 2

Application area is for rapid influenza, Noro/Rota virus and FOB (Fecal Occult Blood) test.
- 3

Customer can choose filter type of dropping cap out of narrow filter (2.5x2mm), wide filter (7x1.6mm) / ( select pore size 30um, 70um, 110um )
- 4

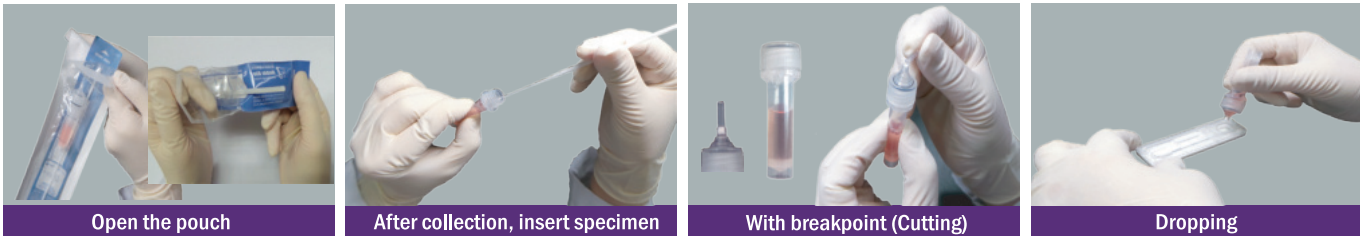
There are sterile and non-sterile tubes in bulk production. To minimize denature and yellow color phenomenon by the gamma irradiation, PP resin for tube caps has been used.



Customer ordered prodction service by using automatic injection and capping system followed by buffer leak test, packing, sterilization by gamma irradiation and microoganism testing.



## Dropper Tube S Test Procedure



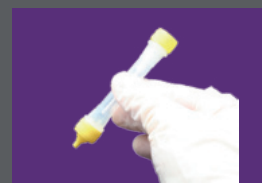
## Ordering Information

Cat.No	Description	Quantity
DB1-SET1	2 ml Dropper Tube S, dropping cap without filter, solid cap	1,000 EA/PK
DB1-SET2	2 ml Dropper Tube S, dropping cap with filter (wide filter : 7x1.6mm dish filter), solid cap	1,000 EA/PK
DB1-SET6	2 ml Dropper Tube S, dropping cap with filter (Narrow filter : 2.5x2mm dish filter), solid cap	1,000 EA/PK



\* Please select pore size of filter 30um, 70um, 110um and tube cap color. Ask Noble Biosciences, Inc.





# Dropper Tube L

Patented Tube for FOB test, No. 10-1411459

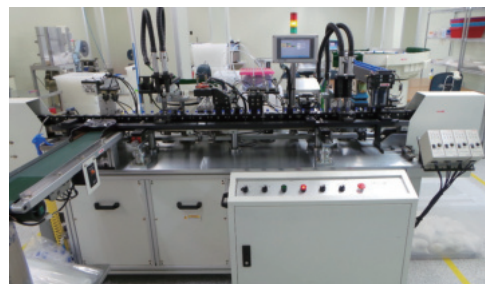
## Dropper Tube L with Collection Stick (Swab) (for FOB Test, Noro/Rota viurs test and etc.)

Noble Biosciences' dropper tubes are excellent at dispensing one uniform drop at a time. our high quality dropper tubes are made of low density polyethylene(LDPE) and the dropping cap having breakpoint and solid cap are made of polypropylene(PP) with excellent chemical resistance. The dropper tubes are available in black or white for light sensitive samples or natural to allow seeing the filling height. The dropping and solid caps are available in clear, yellow, blue, red and violet color. Filters can be included in the dropping caps to eliminate suspended solids.

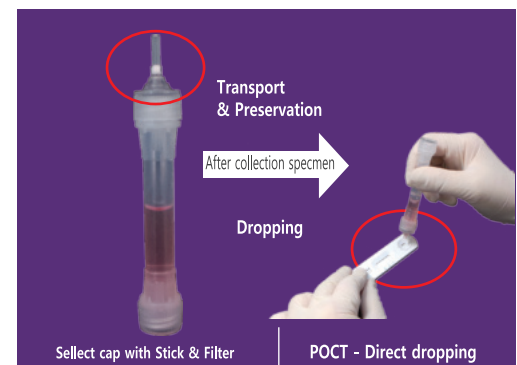
## Dropper Tube L

- 1 This product can be used for field diagnostic test as the Point of Care Testing (POCT)
- 2 Application area is for rapid FOB (Fecal Occult Blood), Noro/Rota virus and influenza test.
- 3 Customer can choose filter type of dropping cap out of narrow filter (2.5x2mm), wide filter (7x1.6mm) / ( select pore size 30um, 70um, 110um )
- 4 Customer can choose solid cap type with/without an attached stick for collection of trace amount of feces or swab for collection of diarrhea sample

Customer ordered prodction service by using automatic injection and capping system followed by buffer leak test, packing, sterilization by gamma irradiation and microorganism testing.



[ Dropper tube L ]



### Filter Selection



## Dropper Tube L Test Procedure



Open the pouch



After collection, insert specimen



With breakpoint (Cutting)



Dropping

## Ordering Information

Cat.No	Description	Quantity
DBF-C	2.5 ml Dropper Tube L, dropping cap with filter, solid cap with stick	1,000 EA/PK
DBF-C1	2.5 ml Dropper Tube L, dropping cap without filter, solid cap with stick	1,000 EA/PK
DBF-C2	2.5 ml Dropper Tube L, dropping cap without filter, solid cap	1,000 EA/PK
DBF-C3	2.5 ml Dropper Tube L, dropping cap without filter, solid cap with swab	1,000 EA/PK
DBF-C4	2.5 ml Dropper Tube L, dropping cap with filter, solid cap with swab	1,000 EA/PK



\* Please select pore size of filter 30um, 70um, 110um and tube cap color. Ask Noble Biosciences, Inc.



### **N-SWAB TRANSPORT™**

Plain Dry Swab in Tube, Liquid Media & Agar Transport Swab

### **T-SWAB TRANSPORT™**

Universal & Genetic Collection Swab Transport, Preservation System

### **NFS-SWAB APPLICATOR™**

Biopsy Procedure kit, Sterile Nylon [Flocked] Swab

**The best products by made in Noble Biosciences, Inc.**



Noble Biosciences, Inc. is the company of collection, transport and preservation system for the biopsy

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