ForLabs

PU Swab, Squeeze

"Container + Buffer + Swab"
All-In-One Environmental Hygiene Surface Inspection Collection Tool
for convenient collection of surface microorganisms

Accurate Infusion Capability

With the **"Squeeze type"** tube, press the body to dispense 1mL quantification. Patent cap structure minimizes experimental deviation.
[Patent Application: No. 2022-0169087/0169088]

Meticulous Sampling

When sampling with a **long handle**, you can sample the environment hygienically and meticulously without touching the swab.

High Recovery Efficiency

PU(PolyUrethane) material different from other swabs shows excellent recovery regardless of surface material.

Large Swab Area

It is a wide rectangular swab that can cover up to 10cm x 10cm.

Effective Surface Swab

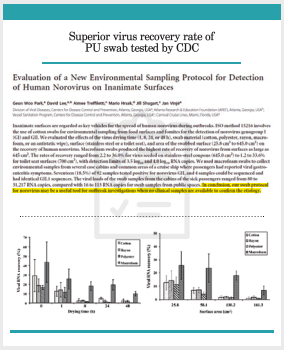
Wide head swab form for simple and quick surface swapping.

International Approved Sterilization

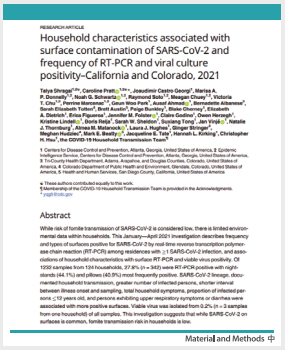
QUALITY ASSURANCE PRODUCT
Internationally approved gamma sterilized.

✓PU Swab is proven product used by major international public offices/research institutions such as CDC, and Yale University!

CDC Study Results Using PU Swab


Superior virus recovery rate of PU swab tested by CDC

Evaluation of a New Environmental Sampling Protocol for Detection of Human Norovirus on Inanimate Surfaces


Household characteristics associated with surface contamination of SARS-CoV-2 and frequency of RT-PCR and viral culture positivity–California and Colorado, 2021

Abstract

Material and Methods 中

PU swab Authorized agency Usage

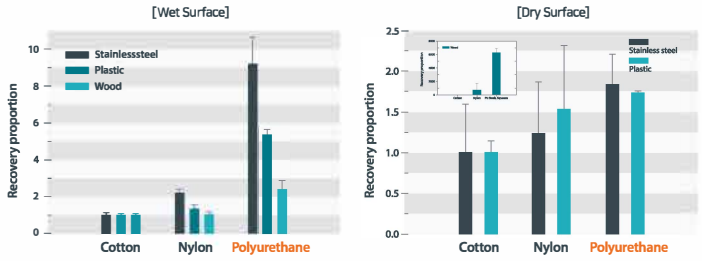
[United States] Centers for Disease Control and Prevention (CDC) under the Ministry of Health and Welfare
Department of Viral Disease Prevention, Medical Quality Promotion, Vaccination and Respiratory Disease Center, and Department of Pathology for High-Risk Pathogens
[United States] Yale University - Yale University, Department of Microbial Pathology Research
[United States] Lawrence National Laboratory, National Institute for Nuclear Weapons Development
[United States] Battle, a non-profit applied technology development company
[National] National Academy of Agricultural Science

PU Swab, Squeeze

Differentiated Polyurethane materials provide excellent recovery rates in any environment, enabling on-site monitoring!

Result of E. coli recovery rate according to material

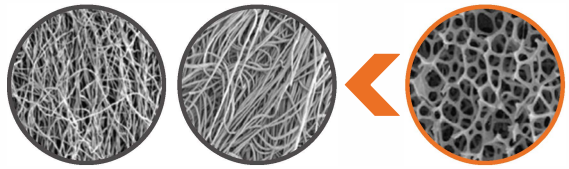
Source: US CDC (Laura Rose et al)



- PU Swab, squeeze with polyurethane material showed the highest recovery rate compared with A company(cotton) and B company(nylon).
- It also showed the highest recovery rate regardless of the dry / wet surface and various surfaces such as stainless steel, plastic and wood.

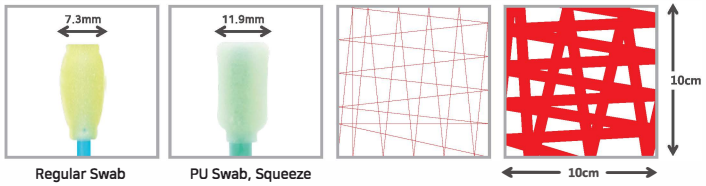
Open Swab Structure - Ensuring Excellent Buffer hygroscopicity

Source: US CDC (Laura Rose et al)



- This PU Swab, squeeze with polyurethane material has open type structure compared with other swab materials, so has excellent hygroscopicity and bacterial recovery rate.

Comparison Results of Swap size

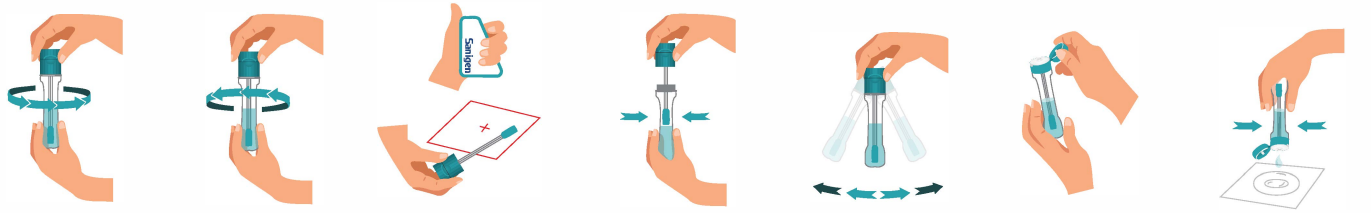


	Regular Swab	PU Swab, squeeze
Swap count (average)	59.2	36.0

- Smoother and larger area than a typical swab, PU Swab saves 40 percent of swap counts! And enables effective sampling in a short time.

Source: Self-Comparison Experiment Results

How to use



1. Turn a cap counterclockwise to open
2. Remove swab head from buffer and press the tube to squeeze a swab head
3. Samples need to be taken using a swab (Compartment tools: Beam Template)
4. Insert the swap head into the tube and turn the cap clockwise to close
5. Shake the tube gently.
6. Lift the cap up and open it.
7. Hold the tube and press down to inoculate 1mL.

Product Information

	Stock No.	Volume	Buffer	Swab 재질	Package	Box
PU Swab, Squeeze (Saline)	FL201	10mL	Saline	Polyurethane	10ea/pk	40pk/box
PU Swab, Squeeze (BPW)	FL202	10mL	BPW	Polyurethane	10ea/pk	40pk/box