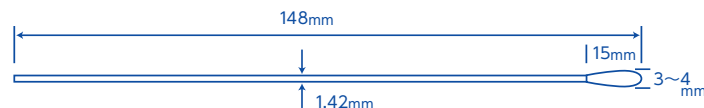


HUBY-COTIX[®] Specimen Collection Swab

[HUBY-COTIX specimen collection swab]

Medical device notification number : 27B3X00067000025

Made in Japan / General medical equipment (class I)
Electron beam sterilization / Single use



[Head] Polyester **[Stem]** Polystyrene
[Glue] Polyvinyl Alcohol

Single pack : W200×D24×H5 (mm) / 1sticks / 0.7g
Medium pack : W200×D100×H65 (mm) / 100 packs / 109g
Carton : W340×D220×H220 (mm) / 100packs×10 boxes / 1.4 kg
JAN : 4936613099284

[Product Features]

For specimen collection swab

Manufactured for specimen collection swab in the nasopharynx and nasal cavity.



Catch & release

It is excellent in collection and release because the head uses polyester fiber.



Breakable off wherever you like

There are no fixed breakpoints in the stem, and you can break off wherever you like.

(* It will not break during specimen collection).



[Evaluation of catch and release]

Catchability is evaluated by water absorption measurement, and release property is evaluated by absorbance measurement.

As shown below, there is no superiority or inferiority in releaseability with other companies' equivalent cotton swabs.

Releaseability evaluation table

* Releaseability evaluation results are measured by our experiments and are not guaranteed values.

Specimen	Made by Sanyo Polyester swab	Company A Polyester swab	Company B Flocked type cotton swab
Median	98%	98%	97%

A 90% concordance rate has been confirmed in a comparative test with another company's swab (flocked type) in the PCR test!

* Comparative test with n = 20

Release test method

[principle]

Evaluate the release property by quantifying the concentration of methyl orange solution with an absorptiometer (wavelength 470 nm).

- ① Dissolve 100μl of 0.1% methyl orange solution in 50 ml of water, measure the absorbance, and refer to this as "S".
- ② Soak 100 μl of 0.1% methyl orange solution in a cotton swab, lightly stir the cotton swab in 50 ml of water for 10 seconds, measure the absorbance of this mixed solution, and refer to this as "T".
- ③ Release rate = (T ÷ S) × 100

Manufacturer

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The contents of the product catalog are subject to change without notice for improvement.

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