

Joint study with an independent administrative institution of National Institute of Animal Health (NIAH).

FLUTECT®



Features of "FLUTECT"

Antiviral effect on flu virus!

Repeated washing does not reduce the effect!

Very rapid effectiveness!

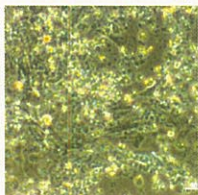
Ensured safety without oral toxicity or irritation to skin!

Applicable to existing materials because "FLUTECT" is post-processed!

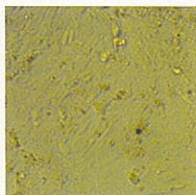
Antiviral effect of "FLUTECT"

When "FLUTECT" was sensitized by virus, its virus-infection value decreased to the detection limit or lower and its antiviral effect was validated. Even after washed 50 times, FLUTECT has the same effect. The antiviral effect was confirmed not to be reduced by washing.

Comparison in cytopathic effect (CPE)

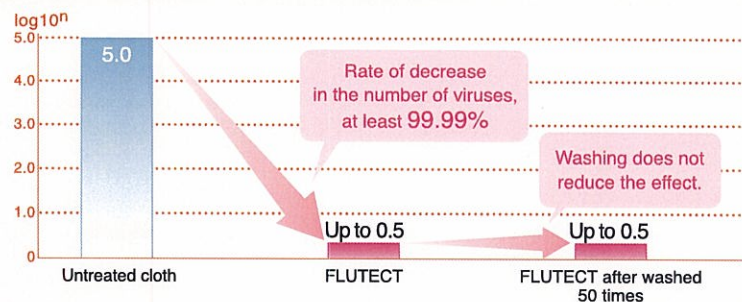


Untreated cloth



FLUTECT

Virus-infection value Test results obtained at NIAH



- A test cloth in a tube was impregnated with a liquid containing bird flu virus (A/budgeringer/Aichi/1/77(H3N8)), and sensitized at room temperature for 10 minutes. Then, the cloth was centrifugally dewatered together with the tube, and the virus-infection value was measured using the cultured cells.
- Virus-infection value: logarithmic value of the amount of infectious virus (10ⁿ/0.1ml)
- Washing method: according to JIS 0217 103

Application of "FLUTECT"

Influenza is roughly divided into three types: A, B, and C types. In Japan, it reaches epidemic proportions particularly from December to March. One of the reasons is that a low temperature and dry air allow flu virus in the air to live long. Repeated flu epidemics produce their variants, and can cause pandemics, such as Spanish flu and Hong Kong flu. A wide range of applications throughout the world are expected for "FLUTECT", a fiber product antiviral to flu virus.