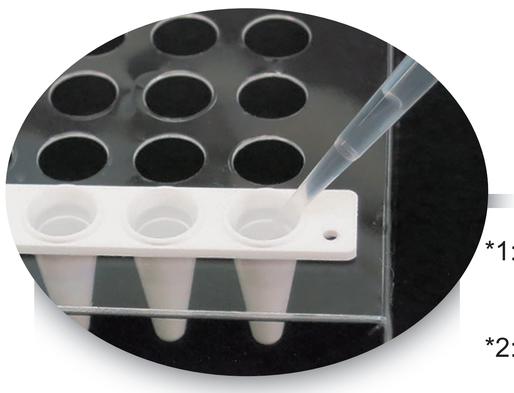
Mycoplasma gene detection kit

Myco Finder

Mycoplasma testing listed in Japanese Pharmacopoeia 17th Edition[*1]

For mycoplasma testing, Nucleic Acid Amplification Technique (NAT) alone can be used as an alternative to culture method or DNA staining method[*2].



*1: Japanese Pharmacopoeia 17th Reference information G3.
Biotechnological/Biological Products
Mycoplasma Testing for Cell Substrates used for the Production of Biotechnological /Biological Products.
*2: NAT can be used as an alternative method after performing the validation specified in JP17.

Solidified kit for rapid mycoplasma testing that simplifies the complicated test operations

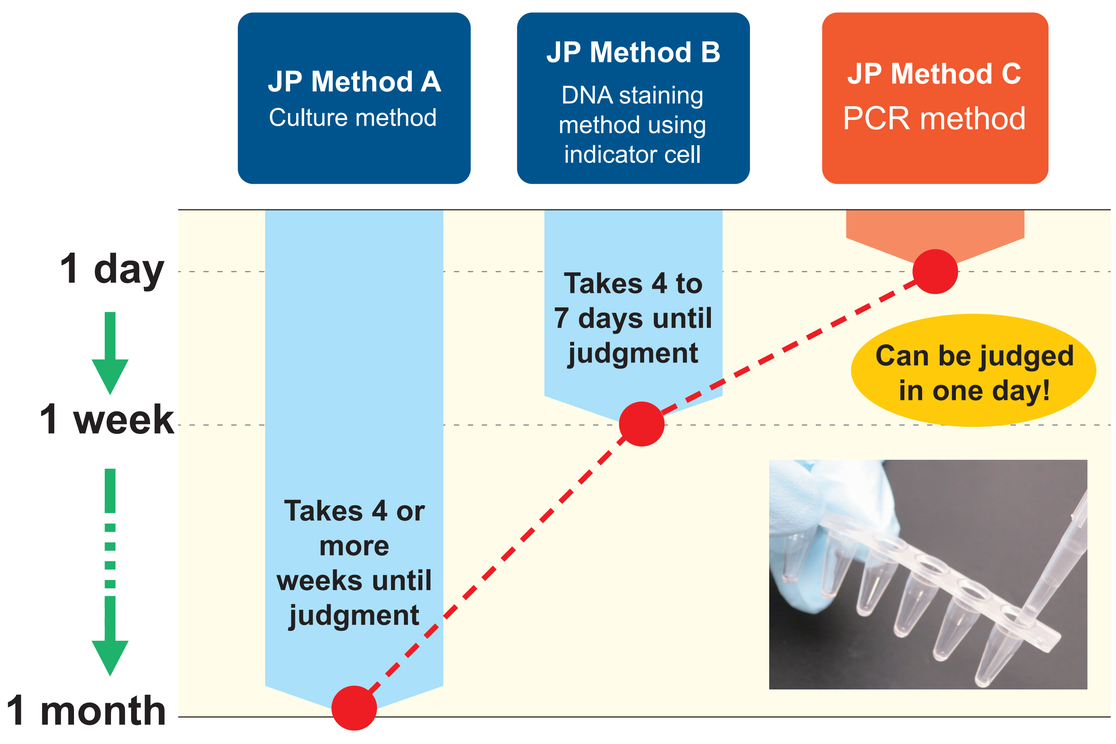
Background to the development of the kit

This product is the result of the joint research with Mr. Shimizu, Assistant Professor of Laboratory of virus disease treatment, Medical Research Institute, Tokyo Medical and Dental University (currently Center for Stem Cell and Regenerative Medicine) conducted with support from Japan Science and Technology (JST) and Research Center Network for Realization of Regenerative Medicine of Japan Agency for Medical Research and Development (AMED). This product can be used for mycoplasma testing specified in JP17.

Preparation of reagent is not necessary.
Reaction reagent is solidified in the test strip

Superior positive control
Contamination of sample by control is identifiable

Can be stored in a cool place (2-8°C)



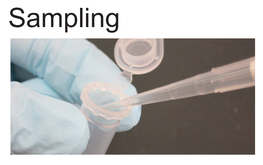
The operation completes in 4 steps!
Can choose from white and transparent strips for detection!

Sampling (Centrifugal concentration – DNA extraction)

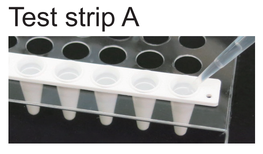
1. Add 25μL of the extracted DNA sample to the test strip A
2. After dissolving the solid reagent in the test strip A by pipetting, move all to the test strip B.
3. After dissolving the solid reagent in the test strip by pipetting, attach the flat cap.
4. **Detect by real-time PCR system.**

(Depending on the kind of real-time PCR system used, the sample can be added to either test strip A or test strip B.)

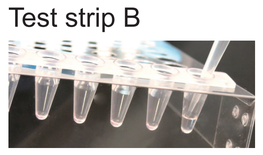
Sampling



Test strip A



Test strip B



Attach flat cap