

Product Datasheet

Vazyme - MycoBlue Mycoplasma Detector (D101-02)

Description

MycoBlue Mycoplasma Detector is designed for rapid detection of mycoplasma contamination in cell culture. Its advantage is convenience, after adding 1 μ l of the cell culture supernatant to the reaction system and incubating at 60°C for 1 h, the results can be determined by visual observation. Detection can be easily completed in cell culture lab without performing PCR, qPCR, or electrophoresis. Compared with conventional PCR methods, MycoBlue Mycoplasma Detector is more resistant to the inhibitor in the culture supernatant, avoiding weak positive and false negative. There is no need to perform electrophoresis, avoiding false positive from aerosol contamination. The result is highly consistent with the most sensitive and accurate qPCR method. It has been validated that MycoBlue Mycoplasma Detector could detect up to 28 kinds of mycoplasma, including 8 commonly found strains in cell culture. This product is suitable for mycoplasma detection in various types of suspension and adherent cells, including CHO, Vero, hybridoma, Sf9, HEK293, etc. It has a wide range of cell culture medium compatibility. MycoBlue Mycoplasma Detector is applicable for routine mycoplasma detection in biopharmaceutical companies, vaccine/monoclonal antibody manufacturers, cell therapy/embryo laboratories, and other scientific research laboratories.

Storage

Store at -30 ~ -15°C and transport at $\leq 0^{\circ}\text{C}$.

Note

For research use only

Application notes

Fast: Incubate at 60°C for only 1 h to observe the results
Simple: Direct detection without pretreatment
Compatible: Cover most cell cultures common mycoplasma
Precise: Accuracy comparable to qPCR, better than PCR

Expiration Date

12 months from date of receipt.

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