Mycoplasma Removal Medium (DMEM/F12, with HEPES)

Cat. No.: PM150310-MR
Size: 100mL

General Information

Product Form	Liquid
Components	DMEM/F12, with HEPES [PM150310]+ Anti-Mycoplasma Treatment Reagent[P-CMR-001]
Bacterial detection	Negative
Fungal detection	Negative
Mycoplasmal detection	Negative
Endotoxin level	< 3 EU/mL
Shipping	Ice bag
Storage	2-8°C, Shading Light
Expiry date	6 months

Background

Mycoplasma is the smallest and simplest prokaryote found so far, with a diameter of 0.1-0.3 μm. It can easily pass through the filter membrane and enter the cell culture system. It has various forms such as sphere, rod, filamentous and branching. Usually attached to the surface of the cell membrane, there is no cell wall, so ordinary antibiotics have no effect on it.

Mycoplasma contamination is widespread and often underestimated in cell cultures. Mycoplasma contamination can cause many problems, such as changes in cell growth rate, cell morphology, chromosome aberrations, cell membrane antigenicity changes, cell metabolism changes, reduced survival rate after cell resuscitation, and so on, which ultimately leads to inaccurate or incorrect experimental results. Therefore, it is of great significance to clean up mycoplasma contamination in cell culture.

Notes

1. This product is only used for scientific research or further research, not for diagnosis and treatment.
2. This product is sterilized by 0.1 μm filtration.
3. It is necessary to pay attention to the aseptic operation and avoid the contamination.