

Superior Fetal Bovine Serum

Cat #: D-0002

Size: 500mL

Storage: Stored at -20°C for 5 years; 4°C not more than 1 week.

Product Information

Detection of contaminants: Negative for bacteria, fungi, mycoplasma, bovine virus, etc

Application: Tumor cell culture

Assay Principle

Bovine serum is the largest natural medium used in cell culture, containing rich nutrients necessary for cell growth, and is often used in cell culture in vitro. The pH value, osmotic pressure, hemoglobin concentration, endotoxin level, total protein and other indicators of this product are qualified; Low endotoxin, no bacterial, mycoplasma, bacteriophage, virus and other contamination; Does not contain any artificial added ingredients, does not contain hormones, antibiotics, etc.. This product can be applied to a variety of conventional cell culture, to provide cells with necessary nutrients and a variety of growth factors, effectively promote cell growth. This product has been filtered by 0.1 μ m to remove bacteria, and can be used after slow thawing at 4°C.

Assay Procedure

1. Product acceptance:

- ① The inner and outer packaging of the serum should be intact, without damage, cracks, leakage and other unexpected cases;
- ② The serum should be frozen or mixed with ice water when it arrives, and should not be completely melted;
- ③ If the above phenomenon occurs, please contact us in time after taking photos for evidence, so as to replace it in time.

2. Thawing of serum:

- ① Please thaw in 4°C environment, should not be thawed at higher temperatures; Higher thawing temperature will lead to serum turbidity, precipitation increase and quality decrease;
- ② The thawing process of the serum can be gently shaken evenly (be careful not to cause bubbles), so that the serum composition and temperature are uniform, thereby reducing the production of precipitation;
- ③ The serum should be used as soon as possible after thawing, and try to avoid repeated freezing and thawing;
- ④ The serum should not be placed at room temperature for a long time, and should be placed in 4°C as soon as possible after use;
- ⑤ High temperature thawing, violent shaking, repeated freeze-thaw, placing time is too long, etc., will lead to the reduction of serum quality.

3. Dosage of serum:

- ① The concentration of Superior Fetal Bovine Serum used in the basic medium is generally 5-20%, which is added proportionally according to the cell type and experimental needs.

Disclaimer

The reagent is only used in the field of scientific research, not suitable for clinical diagnosis or other purposes.