
Fetal Bovine Serum Delipidized

KC555-03 50ml/bottle X10

Fetal Bovine Serum (FBS), also known as Fetal Calf Serum (FCS), is the most widely used growth supplement for cell culture media due to its high content of embryonic growth-promoting factors. KEL Biotech FBS reagents undergo the most stringent quality control screening and validation standards to ensure high quality and consistent batches with minimal variability. All of BI' s FBS reagents meet and exceed approved compliance validation specifications. All sera undergo a methodical and comprehensive list of physicochemical, microbiological, and biological performance testing procedures. Each batch of FBS is fully documented and traceable from the source of origin to final filtration.

Fetal Bovine Serum Delipidized has been degreased to remove most of the fat

Scope of application:

Fat-free fetal bovine serum can be used to study the correlation between protein kinase CK2- α' and lung metastasis of adenoid cystic carcinoma:

1. The protein kinase CK2 is composed of two $\alpha'\beta$ -type heterotetramers with 42-44KDa and 38KDa respectively. The structure is very stable and can only be dissociated under denaturing conditions in vitro. In addition to the cell matrix, some viral proteins are also phosphorylated by CK2. The protein kinase CK2 plays a role in transcription, signaling, proliferation, and various cellular steps leading to tumorigenesis.

2. Protein kinase is the largest member of the enzyme family and is used to complete the catalysis of protein phosphorylation, which is the most common mechanism for controlling cell life activities. One of the most effective protein kinases may be CK2. Protein kinase CK2 (PKCK2) was once called cascine kinase 2 or II (cascine kinase 2 or II) in the past. It is a heterogeneous tetramer composed of

two catalytic subunits (αα') and two regulatory subunits (ββ).

Features:

Certified raw materials originate in countries completely free of both BSE and FMD

Triple 0.1μ filtered

Delipidized

Mycoplasma detection and virus screening

Meets KELS USP and EP Testing specifications

Cell-culture endotoxin-tested

Endotoxin level: ≤2EU/mL

IgG: <500mg/L

Total protein: 3.0-5.0g/dL