MSI065Fe11

Medium for Primary Feline Bladder Smooth Muscle Cells (BSMC)

Instruction manual

FOR RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

1st Edition (Revised in Nov, 2026)

[Description]

Medium for Primary Feline Bladder Smooth Muscle Cells, is a liquid medium free of mycoplasma, bacteria and fungi and contains essential and non-essential amino acids, vitamins, organic and inorganic compounds, hormones, growth factors, trace minerals and 10% concentrations of fetal bovine serum. It is a complete medium designed for optimal growth of Primary Feline Bladder Smooth Muscle Cells *in vitro*.

[Components]

500ml of Medium for Primary Feline Bladder Smooth Muscle Cells consists of basal medium, 50 ml of FBS,5 ml Smooth Muscle Cell growth supplement and 5 ml of penicillin/streptomycin solution.

Note: FBS, Smooth Muscle Cell growth supplement and P/S solution are not pre-mixed in Primary Feline Bladder Smooth Muscle Cells Medium; they must be added separately to make the complete Primary Feline Bladder Smooth Muscle Cells Medium.

[Storage]

Store the basal medium at 4℃, FBS,Smooth Muscle Cell growth supplement and P/S solutions at -20℃.
Protect from light.

[Shipping]

Basal medium: room temperature. FBS,Smooth Muscle Cell growth supplement and P/S solutions: dry ice.

[Usage]

Smooth Muscle Cell growth supplement, FBS and P/S solutions were thawed at room temperature, sprayed with 75% ethanol on bottles and tubes, and transferred to a sterile operating table. In a sterile field, Smooth Muscle Cell growth supplement, FBS and P/S solutions were added to the basal medium and mixed evenly to obtain the recombinant complete medium, which was directly used for culture of Primary Feline Bladder Smooth Muscle Cells *in vitro* .

Note: When stored in the dark at 4℃, the reconstituted complete medium is stable for three months.

[Important note]

- In order to maintain the best use effect of this product, do not place it in room temperature or high temperature environment for a long time.
- This product is for scientific research use only. It is not for diagnostic, therapeutic, clinical, family and other purposes.

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