TMV 317 - SABOURAUD MEDIUM, FLUID (FLUID SABOURAUD MEDIUM) (VEG.)

INTENDED USE

Sterility testing medium for molds and lower bacteria in pharmaceutical preparations.

PRODUCT SUMMARY AND EXPLANATION

Fluid Sabouraud Veg Medium is prepared by completely replacing animal based peptones with vegetable peptones that makes the medium free of BSE/TSE risks. Fluid Sabouraud Veg Medium is the modification of medium based on the formulation described by Sabouraud for the cultivation of moulds, particularly useful for detecting fungi associated with skin infections.

Some pathogenic fungi may produce infective spores which are easily dispersed in air, so examination should be carried out in a safety cabinet.

Fluid Sabouraud Veg Medium is recommended for the sterility testing of pharmaceutical preparation. Product to be tested and a positive control is incubated together for 10 days. If the growth is comparable, the product is considered non-fungistatic. If the product is fungistatic, larger ratio of medium to product is used or suitable sterile inactivating agent is added.

COMPOSITION

Ingredients	Gms / Ltr
Veg hydrolysate	5. 0
Veg peptone	5. 0
Dextrose	20.0

PRINCIPLE

Veg hydrolysate and Veg peptone provide nitrogenous and carbonaceous compounds. Dextrose serves as carbon and energy source. The low pH favours fungal growth and inhibits contaminating bacteria from clinical specimens.

INSTRUCTION FOR USE

- Dissolve 30 grams in 1000 ml distilled water.
- Heat if necessary to dissolve the medium completely.
- Sterilize by autoclaving at 15 psi pressure (121°C) for 15 minutes.

QUALITY CONTROL SPECIFICATIONS

Appearance of Powder : Light yellow coloured, may have slight greenish tinge, homogeneous, free flowing powder.

Appearance of prepared medium : Light amber coloured, clear solution without any precipitate.

pH (at 25°C) : 5.7±0.2

INTERPRETATION

Cultural characteristics observed after an incubation.

Microorganism	ATCC	Inoculum (CFU/ml)	Growth	Incubation Temperature	Incubation Period

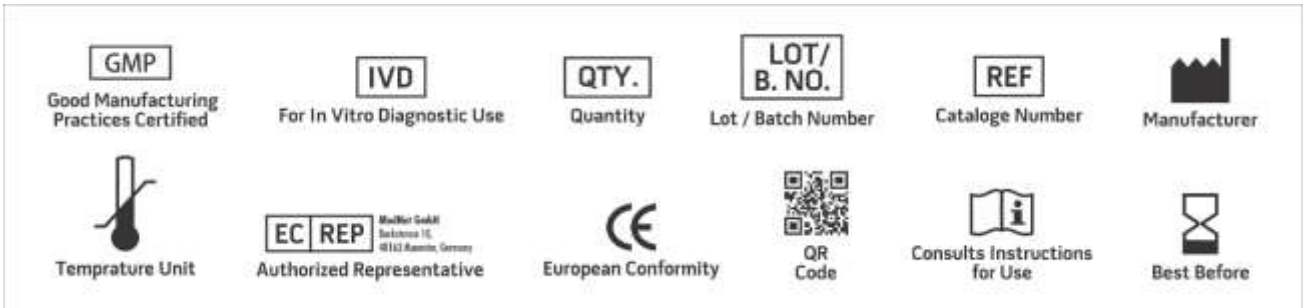
Escherichia coli	25922	50-100	Luxuriant	35-37°C	48-72 Hours
Lactobacillus casei	9595	50-100	Luxuriant	35-37°C	48-72 Hours
Aspergillus niger	16404	10-100	Luxuriant	25-30°C	48-72 Hours
Candida albicans	10231	10-100	Luxuriant	25-30°C	48-72 Hours
Saccharomyces cerevisiae	9763	10-100	Luxuriant	25-30°C	48-72 Hours

PACKAGING:
In pack size of 100 gm and 500 gm bottles.

STORAGE
Dehydrated powder, hygroscopic in nature, store in a dry place, in tightly-sealed containers between 25-30°C and protect from direct sunlight. Under optimal conditions, the medium has a shelf life of 4 years. When the container is opened for the first time, note the time and date on the label space provided on the container. After the desired amount of medium has been taken out replace the cap tightly to protect from hydration.
Product Deterioration: Do not use if they show evidence of microbial contamination, discoloration, drying or any other signs of deterioration.

DISPOSAL
After use, prepared plates, specimen/sample containers and other contaminated materials must be sterilized before discarding.

REFERENCES
1. Sabouraud K., 1892, Ann. Dermatol. Syphilol, 3:1061.
2. Murray P R, Baren E J, Pfaller M A, Yolken R H (editors) 2003, Manual of Clinical Microbiology, 8th ed., ASM, Washington, D.C.



NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

***For Lab Use Only**
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