



KIMMIG FUNGI AGAR BASE

Product Number **K2635**

Product Description

Kimmig Fungi Agar Base with supplements is used for cultivation, isolation and identification of fungi. The medium contains the peptic digest of animal tissue, which provides the necessary nitrogenous nutrients for the growth of fungi. Dextrose is the fermentable carbohydrate and energy source. Glycerol serves as the carbon source.

Components

Item	g/L
Peptic Digest of Animal Tissue	15.00
Sodium Chloride	1.00
Dextrose	19.00
Cycloheximide	0.40
Agar	15.00

Final pH (at 25°C) 6.5 ± 0.2

Precautions and Disclaimer

For laboratory use only. Not for drug, household or other uses.

Preparation Instructions

Suspend 50.4 grams of Kimmig Fungi Agar Base in 1000 mls of distilled water containing 5 mls of (G6279) glycerol. Sterilize by autoclaving at 15 lbs. pressure (121°C) for 15 minutes. Cool to 45-50°C and aseptically add the reconstituted contents of one vial of (K1886) Kimmig Selective Supplement of one vial of (G4664) George Kimmig Selective Supplement. Mix well before pouring into sterile petri plates.

Note: Cycloheximide is very toxic. Avoid skin contact or aerosol formation and inhalation.

Product Information

Storage

Store the dehydrated medium at 2-8°C and the prepared medium at 2-8°C.

Product Profile

Appearance	Yellow colored, homogeneous, free flowing powder.
Gelling	Firm.
Color and Clarity	Light yellow colored, clear to slightly opalescent gel forms in petri plates.
Cultural Response	Cultural characteristics are observed after 48-72 hours at 25-35°C.

Organisms

Aspergillus niger

Pencillium notatum

Trichophyton mentagrophytes

Candida albicans

Growth

luxuriant

luxuriant

luxuriant

luxuriant

References

1. Kimmig, J., et al., (1953). *Arzneimittelforsch.* 3, 267.
2. Rieth, H., (1969). *Mykosen.* 12, 73.
3. George, L.K., et al., (1954). *J. Lab. Clin. Med.* 44, 422.
4. Hantschke, D., (1968). *Mykosen.* 11, 769.

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