

## Sabouraud Dextrose HiVeg™ Broth (Sabouraud Liquid HiVeg™ Medium) MV033

Sabouraud Dextrose HiVeg Broth is used for cultivation of yeasts, moulds and aciduric microorganisms.

### Composition \*\* :

Ingredients	Grams/Litre
HiVeg special peptone	10.0
Dextrose	20.0

Final pH (at 25°C) 5.6 ± 0.2

\*\* Formula adjusted, standardized to suit performance parameters.

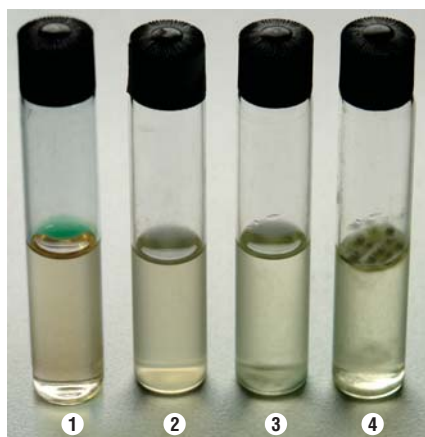
### Directions :

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

### Principle and Interpretation :

Sabouraud Dextrose HiVeg Broth is prepared by using HiVeg special peptone in place of Peptone special which makes the medium free of BSE/TSE risks. Sabouraud Dextrose HiVeg Broth is a modification of Dextrose Agar described by Sabouraud (1). It is useful for the cultivation of fungi, particularly associated with skin infections.

HiVeg special peptone provides nitrogenous compounds essential for the growth of fungi. Dextrose acts as the energy source. Acidic pH favours growth of fungi.



**MV033 Sabouraud Dextrose HiVeg Broth (Sabouraud Liquid HiVeg Medium)**

1. Control
2. *Saccharomyces cerevisiae*
3. *Candida albicans*
4. *Aspergillus niger*

### Product Profile :

Vegetable based (Code MV) ©	Animal based (Code M)
<b>MV033</b> HiVeg special peptone	<b>M033</b> Peptone special

**Recommended for** : Cultivation of yeasts, moulds and aciduric microorganisms.

**Reconstitution** : 30.0 g/l

**Quantity on preparation (500g)** : 16.6 L  
**(100g)** : 3.3 L

**pH (25°C)** : 5.6 ± 0.2

**Supplement** : None

**Sterilization** : 121°C / 15 minutes.

**Storage** : Dry Medium - Below 30°C, Prepared Medium 2 - 8°C.

### Quality Control :

#### Appearance of powder

Light yellow coloured, may have slightly greenish tinge, homogeneous, free flowing powder.

#### Colour and Clarity

Light amber coloured, clear solution without any precipitate.

#### Reaction

Reaction of 3.0% w/v aqueous solution is pH 5.6 ± 0.2 at 25°C.

#### Cultural Response

Cultural characteristics observed after an incubation at 25 - 30°C for 48 - 72 hours.

Organisms (ATCC)	Growth
<i>Aspergillus niger</i> (16404)	luxuriant
<i>Candida albicans</i> (10231)	luxuriant
<i>Escherichia coli</i> (25922)	good-luxuriant *
<i>Saccharomyces cerevisiae</i> (9763)	luxuriant

\* Inhibited on media with lower pH.

### References :

1. Sabouraud, 1892, Ann. Dermatol. Syphilol, 3:1061.