



14833

## MR-VP Medium (Glucose Phosphate Broth, Buffered Glucose Broth)

Part D

### Specifications

Appearance (Colour)	Cream
Appearance (Form)	Free flowing, homogeneous powder
Solubility	17.00 gm/liter
Solubility before autoclaving (Clarity)	Clear
pH (25°C)	6.9 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear
Prepared Medium Appearance after autoclaving (Colour)	Light amber
Cultural Response	Inoculate and incubate at 37°C for 18 - 24 hours
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good, MR test : +, VP test : -
Organism	Enterobacter aerogenes ATCC 13048
Inoculum (cfu) 10-100	Growth : Good, MR test : -, VP test : +
Organism	Klebsiella pneumoniae ATCC 13883
Inoculum (cfu) 10-100	Growth : Good, MR test : -, VP test : +
Key	Methyl red test : Positive (+): bright red colour Negative (-): Yellow-orange colour Voges-Proskauer test : Positive (+) : red colour Negative (-): no red colour

### Other Information

#### Applications

For the differentiation of bacteria based on acid production (Methyl Red test) and acetoin production (Voges-Proskauer reaction).

#### Composition

Ingredients	gm/lt.
Pancreatic digest of casein	3.50
Dextrose	5.00
Peptone	3.50
Dihydrogen potassium phosphate	5.00

#### Directions

1. Add 17.00 gm powder to 1.0 liter of distilled/purified water and mix thoroughly.
2. Gently heat and bring to boiling.
3. Dispense into test tubes.
4. Autoclave at 15 psi pressure at 121°C for 15 minutes.

## General Information

Storage	8 to 25°C (Cool & Dry Area)
Shelf Life	36 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
100 Gms	38210000 (GST 18%)
500 Gms	38210000 (GST 18%)
Type of Packing	
500 Gms	Plastic Bottle

## Available Packages

100 Gms
500 Gms

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### Disclaimer

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