Tryptone Soya HiVeg™ Agar w/added NaCl MV593

Tryptone Soya HiVeg Agar with added NaCl is a highly nutritious general purpose medium recommended for use when 1% sodium chloride is needed in medium.

Composition ** :

Ingredients	Grams/Litre
HiVeg hydrolysate	15.00
Papaic digest of soyabean meal	5.00
Sodium chloride	10.00
Agar	15.00

Final pH (at 25°C) 7.3 ± 0.2
** Formula adjusted, standardized to suit performance parameters

Directions :

Suspend 45.0 grams in 1000 ml distilled water. Heat to boiling to dissolve completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.

Principle and Interpretation :

This medium is prepared by using HiVeg hydrolysate which is free from BSE/TSE risks associated with animal based peptones. Tryptone Soya HiVeg Agar with added sodium chloride is the modification of Tryptone Soya Agar with added sodium chloride which is a nutritious general purpose medium recommended for use when 1% Sodium chloride is needed in medium. HiVeg hydrolysate and Papaic digest of soyabean meal provide nitrogenous compounds and other growth factors. The medium contains slightly high concentration of sodium chloride which provides the ions and also maintains osmotic equilibrium.

Quality Control :

Appearance
Yellow coloured, may have slightly greenish tinge, homogeneous, free flowing powder.

Product Profile :

Vegetable based (Code MV)◉	Animal based (Code M)
MV593 HiVeg hydrolysate	**M593** Casein enzymic hydrolysate

Recommended for	:	Use when 1% sodium chloride is needed in the medium.
Reconstitution	:	45.0 g/l
Quantity on preparation (500g)	:	11.11 L
pH (25°C)	:	7.3 ± 0.2
Supplement	:	None
Sterilization	:	121°C / 15 minutes.

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

Gelling
Firm, comparable with 1.5% Agar gel.

Colour & Clarity
Light amber coloured clear to slightly opelsent gel forms in petri plates.

Reaction
Reaction of 4.5% w/v aqueous solution is pH 7.3 ± 0.2 at 25°C

Cultural Response
Cultural characteristics observed after an incubation at 35-37°C for 18-48 hours.

Organisms	Inoculum (CFU)	Growth	Recovery
Neisseria gonorrhoeae (19424)	10^2-10^3	luxuriant	>70%
Staphylococcus aureus (25923)	10^2-10^3	luxuriant	>70%
Staphylococcus epidermdis (12228)	10^2-10^3	luxuriant	>70%
Streptococcus pyogenes (19615)	10^2-10^3	luxuriant	>70%

◉ Prepared from GMO free Vegetable proteins replacing Animal based peptones. Freedom from BSE/TSE worries.

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