

### Thayer Martin Supplement II (iS47056)

A chemically defined growth supplement preferred over yeast extract to supplement Thayer Martin Medium for cultivation of *Neisseria* species.

Industry: Clinical

### Description

Thayer-Martin Supplement II, also known as Vitamino Growth Supplement, is the preferred choice for supplementing Thayer Martin Medium in the cultivation of *Neisseria* species. This microbiologically suitable, high-quality formulation is specifically crafted to boost microbial growth, optimize conditions for culturing pathogens, and ensure reliable and consistent results in microbiological testing.

### Content per Vial (Part 1)

1 Vial for 500 ml of culture medium.

Vitamin B12	0.1 mg
L-Glutamine	100.0 mg
Adenine sulphate	10.0 mg
Guanine hydrochloride	0.3 mg
p-Aminobenzoic acid (PABP)	0.13 mg
L-Cysteine	11.0 mg
NAD (Coenzyme I)	2.5 mg
Coccarboxylase	1.0 mg
Ferric nitrate	0.2 mg
Thiamine hydrochloride	0.03 mg
Cysteine hydrochloride	259.0 mg
Dextrose	1000.0 mg

### Rehydrating fluid; content per vial (Part 2)

Dextrose	1.0 g
Distilled Water	10.0 ml

**Directions**

Rehydrate the contents of Part 1 in 10 ml of Part 2 (Rehydrating Fluid). Aseptically introduce this solution to 240 ml of sterile, molten Thayer-Martin Medium Base, alongside the rehydrated contents of one bottle of Thayer-Martin Supplement I, and 250 ml of sterile 2% hemoglobin solution. Gently mix the components and pour the resulting mixture into sterile petri plates.

**Storage**

Store in a light-protected environment at 2-8C.