

BIOVITEX - RESTORING FLUID

BIOVITEX (VIAL CONTENTS)	FOR 500 ML	FOR 5 L
NAD (coenzyme 1)	1.250 mg	12.50 mg
Coccarboxylase	0.500 mg	5.00 mg
p-Aminobenzoic acid	0.065 mg	0.65 mg
Thiamine	0.015 mg	0.15 mg
Vitamin B 12	0.050 mg	0.50 mg
L-Glutamine	50.000 mg	500.00 mg
L-Cystine	5.500 mg	55.00 mg
L-Cysteine HCl	129.500 mg	1295.00 mg
Adenine	5.000 mg	50.00 mg
Guanine HCl	0.150 mg	1.50 mg
Ferric nitrate.6 H ₂ O	0.100 mg	1.00 mg

RESTORING FLUID (VIAL CONTENTS)	FOR 500 ML	FOR 5 L
Glucose	0.5 g	5 g
Distilled water	5 ml	50 ml

DIRECTIONS

Aseptically reconstitute the lyophilised Biovitex with one vial of Restoring fluid. Prepare 500 ml (or 5000 ml) of GC Medium Base or another suitable base medium, supplemented with haemoglobin or chocolate blood, cooled to 45-50°C. Add the Biovitex and any other selective supplements (VCN, VCNT etc) and mix. Normally the working concentration for Biovitex is 1 %; however a 2 % concentration can be obtained by adding the vial contents to only 250 ml (or 2500 ml) of base medium. This higher concentration gives increased stimulation of *Neisseria* growth.

INTENDED USE

Biovitex is a sterile, lyophilised mixture of growth factors (vitamins, co-enzymes, amino acids, salts and glucose) to be used as a supplement for the cultivation of microorganisms with particular nutritional needs (*Neisseria*, *Haemophilus* etc). Biovitex is used to prepare enriched chocolate agar, Thayer Martin Medium, a selective medium for *Haemophilus* and a selective medium according to Mc Carthy for *Gardnerella vaginalis*. For the details of the procedure see the technical sheet of GC Medium Base (cat. N° 401520)

STORAGE

Store at 2-8° - When stored as directed the supplement remains stable until the expiry date shown on the label. Do not use beyond stated expiry date.

PRECAUTIONS AND WARNING

For *in vitro* diagnostic use only. The supplement should be used only by adequately trained personnel with knowledge of microbiological techniques in the laboratory. Consult the material safety data sheet before the use.

PACKAGING

4240009	Biovitex-Restoring Fluid,	5+ 5 vials, each for 500 ml of medium
42185011	Biovitex - Restoring Fluid,	1 + 1 vials, for 5 L of medium