

TNM-FH Medium

Description

The TNM-FH is a variation of the Grace medium. This modification has proved as a good culture medium for many lepidopteran cells.

Liquid Media

TNM-FH Medium⁽¹⁾
with L-Glutamine
with Lactalbumine-Hydrolysate
with Yeast extract
with 0.35 g/L NaHCO₃ 500 ml P04-80500

Special Media

TNM-FH Medium⁽²⁾
with L-Glutamine
with Lactalbumin-Hydrolysate
with Yeast extract
with 10 % Foetal Bovine Serum
with 0.35 g/L NaHCO₃ 500 ml P04-83500

Powder Media

TNM-FH Insect Medium⁽¹⁾
without L-Glutamine
with Lactalbumine-Hydrolysate
with Yeast extract 10 L P03-9710
without NaHCO₃ 50 L P03-9750

Composition

	Components	mg/L
Inorganic Salts	Calcium chloride x 2H ₂ O	1,324.62
	Potassium chloride	2,240.00
	Magnesium chloride x 6H ₂ O	2,278.86
	Magnesium sulfate dried di-Sodium hydrogen phosphate	1,939.80 876.92
Other Components	DL-Malic acid	670.00
	Succinic acid	60.00
	D-Fructose	400.00
	Fumaric acid	55.00
	D(+)-Glucose anhydrous	700.00
	Yeast extract	3,333.33
	α-Ketoglutaric acid sodium salt	425.66
	Lactalbumin Hydrolysate	3,333.33
	Sucrose	26,680.00
	Amino acids	β-Alanine
L-Alanine		225.00
L-Arginine x HCl		700.00
L-Asparagine x H ₂ O		350.00
L-Aspartic acid		350.00
L-Cystine		19.18
L-Glutamine		600.00
L-Glutamic acid		600.00
Glycine		650.00
L-Histidine Base		2,500.00
L-Isoleucine		50.00
L-Leucine		75.00
L-Lysine x HCl		625.00
L-Methionine		50.00
L-Phenylalanine		150.00
L-Proline		350.00
L-Serine		550.00
L-Threonine		175.00
L-Tryptophan		100.00
L-Tyrosine		50.00
L-Valine	100.00	
Vitamins	p-Aminobenzoic acid	0.02
	D-(+)-Biotin	0.01
	D-Ca-Pantothenate	0.02
	Cholin chloride	0.20
	Folic acid	0.02
	myo-Inositol	0.02
	Nicotinic acid	0.02
	Pyridoxol x HCl	0.02
	Riboflavin	0.02
	Thiamine x HCl	0.02

(1) usually on stock, (2) minimum order 10 l, (3) available on request