

Plant Tissue Culture Media

- ✓ **Plant Pathological Culture Media**
- ✓ **Ready to Use Plant Tissue Culture Media**
- ✓ **Plant Tissue Culture Media Ingredients**



ENQUIRIES

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Plant Tissue Culture owes its origin to the ideas of the German Scientist, Harberlandt. Thereafter in 70's the commercialization of the technology began. Currently, the world is revolving around it due to increasing population, growing consumption and avoiding the environmental imbalance. TM Media has an extensive range of Ready To Use PTC Medium, PTC Medium Ingredients like **Plant Growth Regulators or Phytohormones** (Auxins, Cytokinins, Gibberellins, Abscisic Acid & Others), **Macro & Micro Nutrients, Vitamins, Amino Acids, Carbohydrates, Gelling Agents, Adsorbing Agents, Buffering Agents, Pure Antibiotics** and other range of products used in the process.

READY TO USE PLANT TISSUE CULTURE MEDIA

BANANA MICROPROPAGATION MEDIUM
 ORCHID MAINTENANCE/REPLATE MEDIUM
 MURASHIGE & SKOOG MEDIUM (Ms Medium)

VITAMINS

D(+)-BIOTIN (Vitamin H)	NICOTINIC ACID (Vitamin B ₃)
D(+) PANTOTHENATE CALCIUM SALT	PYRIDOXINE HCl (Vitamin B ₆)
FOLIC ACID (Mono)	RIBOFLAVIN (Vitamin B ₂ /Vitamin G)
NICOTINAMIDE (Niacinamide)	VITAMIN B ₂ (Riboflavin)
THIAMINE HCL	PQQ SODIUM
ASCORBIC ACID	

AMINO ACID

L-CYSTINE	L-ISOLEUCINE	L-TYROSINE	GLYCINE
L-CYSTEINE HCl (Mono)	L-PROLINE	L-VALINE	

MICRO NUTRIENTS

BORIC ACID	COPPER SULPHATE	MANGANESE SULPHATE
SODIUM MOLYBDATE	ZINC SULPHATE	EDTA DISODIUM SALT
POTASSIUM IODIDE	FERROUS SULPHATE	COBALT CHLORIDE

MACRONUTRIENTS

MAGNESIUM SULPHATE	AMMONIUM SULPHATE	CALCIUM CHLORIDE
MAGNESIUM CHLORIDE	POTASSIUM NITRATE	

GELLING AGENTS

AGAR AGAR	AGAROSE	GELRITE®	CARRAGEENAN
GELLAN GUM			

and Many More...

CARBOHYDRATES

D-GLUCOSE	D-MANNITOL	D+MANNOSE	D-RIBOSE	D-SORBITOL
STARCH	D(-)FRUCTOSE	D-RAFFINOSE	LACTOSE	MALTOSE
SUCROSE	D(+)XYLOSE			

BUFFERING AGENT

BES-BUFFER	BIS-TRIS BUFFER	HEPES BUFFER	MES BUFFER
PIPES (BUFFER)	TRIS-BUFFER	TRIS HCL	

ANTIBIOTIC POWDER

ACETYLSALICYLIC ACID	AMPICILLIN SODIUM	CEFOTAXIME SODIUM
GENTAMYCIN SULPHATE	HYGROMYCIN B	KANAMYCIN SULPHATE
VANCOMYCIN HCl	G-418	

PLANT GROWTH REGULATORS

ABSCISIC ACID (ABA, Dormive)	GIBBERELIC ACID (GA_{4+7})/(GA_3)
6-Benzyladenine (6 BAP)	INDOLE-3-BUTYRIC ACID
2,4, DICHLORO PHENOXY ACETIC ACID (2,4-D)	KINETIN (6-Furfurylaminopurine)
INDOLE-3-ACETIC ACID	BRASSINOLIDES

OTHER ESSENTIAL INGREDIENTS

ADENOSINE (9- -Riboluranosylademine)	GLYCEROL (Glycerine)	CELLULOSE
POLYETHYLENE GLYCOL 4000/6000	THIDIAZURON	SUCCINIC ACID
POLYVINYL PYRROLIDINE K-30	TRYPTONE	YEAST EXTRACT
SILVER NITRATE	PEPTONE	PHLOROGLUCINOL
di-SODIUM HYDROGEN PHOSPHATE	UREA	SODIUM THIOSULPHATE
TALCUM POWDER (400/700 mesh)		DITHIOERY THREITOL (D.T.E.)

ADSORBING AGENT

CHAROCAL ACTIVATED

DISINFECTING AGENT

8-HYDROXYQUINOLINE

and Many More...



Extensive Range of
PLANT PATHOLOGY MEDIA

Malt Agar
Luria Agar/Broth
Zinc Solubilizing Medium
Malt|Yeast Extract Agar
Potato Dextrose Agar/Broth
Aleksandrow Agar
Trichoderma Harzianum Selective Agar Base

Oat Meal Agar
Aleksandrow Broth
Nutrient Agar/Broth
King's Medium B Base
Czapek Dox Agar/Broth
Pikosvakaya's Agar/Broth



Rose

TP 001
MURASHIGE &
SKOOG MEDIUM



Banana

TP 071
BANANA MICROPROPAGATION
MEDIUM



Orchid

TP 080
ORCHID MAINTENANCE/
REPLATE MEDIUM



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