









Specialized Products in

# PLANT RESEARCH

-  Plant Research Antibodies
-  Nucleic Acid Dyes
-  Thermostable PCR Reagents
-  Contamination Control
-  Tissue Culture Media
-  Specialized Automates

# Plant Research Antibodies

## Validated Antibodies by research areas

- Rubisco
- Mitochondria
- Photosynthesis
- Plant Hormones
- Plant Pathogens
- Compartment Markers
- Nitrogen Metabolism
- Environmental Stress

## Antibodies against following Species

<i>A. thaliana</i>	<i>S. lycopersicum</i>	<i>Cyanobacteria</i>
<i>C. reinhardtii</i>	<i>S. tuberosum</i>	<i>H. vulgare</i>
<i>Z. mays</i>	<i>Conifers</i>	<i>Diatoms</i>
<i>O. sativa</i>	<i>N. tabacum</i>	<i>S. oleracea</i>

## Environmental Stress Antibodies

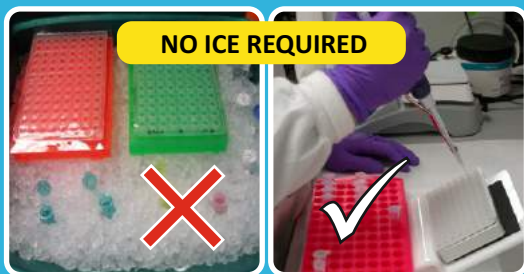
Wounding	Salt Stress	Heavy Metal Stress
Hypoxia	Heat Shock	Oxidative Stress
Cold Stress	Drought Stress	Pathogen Attack

## Nucleic Acid Dyes (Non-carcinogenic alternative to EtBr)

- **Midori Green Direct**  
Directly added to the sample (In-sample staining)
- **Midori Green Advance**  
Works like EtBr (in gel staining or post staining)

**Trial Packs Available\***

# Now Setup your PCR at Room Temperature !!



## Introducing Thermostable 5X Master Mixes

- ONLY 5X Master Mix & at no extra cost
- 100% Stability at RT for one month
- Lower cycle threshold (Ct values)
- Compatible with all major PCR Cyclers
- Get 2.5 times more space for the template

**Special  
Promotion  
Offer (3+1)<sup>#</sup>**

### COMPARISON OF OUR 5X qPCR MIX TO STANDARD 2X qPCR MIX

2X vs 5X	Vial size	Reactions (20 $\mu$ l final volume)
Standard 2X qPCR Mix	1 ml	100 rxn
5X qPCR Mix	1 ml	250 rxn

**Get 2.5X more reactions done with same volume of qPCR Mix**

#### **Thermostable qPCR Master Mixes**

EvaGreen® Dye-based  
(ROX & no ROX)

Probe Based  
(ROX & no ROX)

#### **Thermostable PCR Master Mixes**

PCR Mix  
(7.5 mM MgCl<sub>2</sub>)

PCR Mix  
(12.5 mM MgCl<sub>2</sub>)

Is contamination in your Plant Tissue Cultures still worrying you ???

## Try PPM™ Today!!

### Why Plant Preservative Mixture (PPM™) ??

Plant Preservation Mixture (PPM™) is a patented product, specially formulated for prevention and protection of plant tissue cultures from endogenous and exogenous contamination – without damaging the ex-plant itself.

- Non-toxic to most plant species at optimal concentrations
- Ideal for both Endogenous & Exogenous Fungal / Bacterial contamination
- Maintains clean cultures at very low concentrations
- Thermostable- can be added directly to media before autoclaving
- Environmentally safe & does not cause resistance unlike antibiotics



### Plant Tissue Culture Media

- Antibiotics
- Antimicrobials
- Balanced Salts
- Biochemicals
- Gelling Agents
- Plant Growth Regulators
- Tissue Culture Reagents
- Vessels & Supplies

# Specialized Automates

## HTS Liquid Handling System

- Perfect Work-horse for HTS & NGS
- “On-the-fly” dispensing- fastest yet!
- Wide dispensing range -300nl to 5ml
- Simply “Zero cost” of consumables



Cobra Nano Dispenser

## Lab Contamination Control



Ozone Based  
Portable Sterilizer

- The ONLY Portable -Lab Sterilizer
- Eliminates Bacteria, Fungi & Viruses
- Generates Ozone Gas-No chemicals!
- 100% coverage of closed room area
- Safe Technology- No free radicals post treatment

## Western Blot Automation

- Recycle your Primary Antibody
- Simple Hands-free operation
- Clean & Clear WB bands every-time
- Low cost with NO consumables!



GO Blot

## Compact Electrophoresis System



Runone  
Electrophoresis System

- Horizontal system with built-in power supply
- Polycarbonate Leak-free buffer tank
- Fast -Only 15 minute run-time
- Stand-alone gel casting system (option)



# REACH US

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