

# MIDAS™ – HIGHER YIELD & PURITY PLUS SIGNIFICANTLY MORE COST EFFECTIVE THAN THE MARKET LEADER!

MIDAS™			Qiagen		
Catalogue Number	Product (Preps)	Offer Price £	Price Difference (%) Midas™ vs Qiagen π	List Price £	Product (Preps)
BG-SP-50	Plasmid Spin (50)	39.00	28	50.00	QIAprep Spin Kit (50)
BG-PL-mi/50 §	PlasmidPure MiniPrep (50) π	90.00	58	71.00	Plasmid Mini Kit tip-20 (25)
BG-PL-md/50 §	PlasmidPure MidiPrep (50) π	190.00	22	116.00	Plasmid Midi Kit tip-100 (25)
BG-PL-ma/16	PlasmidPure MaxiPrep (16) π	130.00	34	109.00	Plasmid Maxi tip-500 (10)
BG-CL/50	CleanIt Gel/PCR Kit (50) 1 Kit, 2 Applications!	42.00	43	60.00	QIAEX II Gel Extract (50)
BG-Fd220-100	Genomic DNA from Cells, Tissues and Blood: 'Forensic' DNA Kit (100) π	42.00	43	60.00	QIAquick PCR Purification (50)
BG-Dmr-mr/20	Direct mRNA Mini (20) π	141.00	28	96.00	QIAamp DNA Mini Kit (50)
BG-Dtr-CT-mi/50	Total RNA C+T Kit Mini (50)	75.00	48	125.00	Oligotex mRNA Mini-Kits (12)
			117	163.00	RNAeasy Kit (50)

§ Spin column speed & convenience with anion exchange quality DNA!!

π Prices calculated pro-rata

## Bio/Prep™:

### Automated Genomic Preps:

- Δ Blood, Cells and Tissues, Buffy Coat, Gram-ve Bacteria
- Δ 120 Samples/day
- Δ 2.4ml – 10ml Samples
- Δ High Purity Genomic DNA, OD 260/280 ratio 1.75-1.90

### ALSO AVAILABLE:

- 'Viral' DNA Kit
- Genomic Kits: for Blood, Tissues, Mouse Tails, Yeast
- Twin DNA/RNA Kit
- Kits for Total RNA from Viruses
- Kits for Total RNA from Blood

## Bio/Phenol™:

### Molecular Biology Grade Liquid Phenol

Cat.No.	Description	Qty
1690Q825	Liquid/Tris Stabilized	100ml
1690Q105	Liquid/Tris Stabilized	500ml
1690Q405	Liquid/Tris Stabilized	1000ml
1690M825	Liquid/Stabilized	100ml
1690M105	Liquid/Stabilized	500ml
1690M405	Liquid/Stabilized	1000ml
1690Cl82	Liquid/Ch/IAA	100ml
1690Cl10	Liquid/Ch/IAA	500ml
1690Cl40	Liquid/Ch/IAA	1000ml

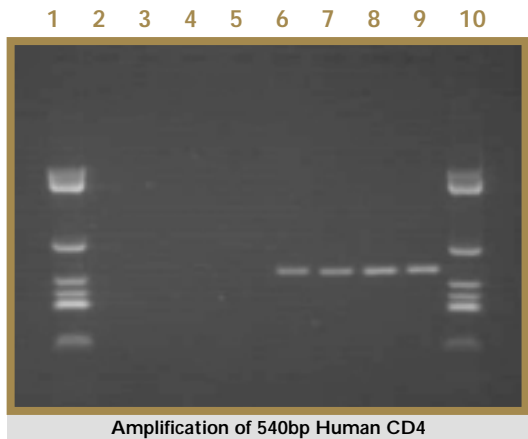
3 FOR 2

Buy any 3 products, get lowest priced item free!

# Hot Start Taq

at the price of standard Taq!

Take two of the top selling chemical Hot Start Taqs on the market and compare it to BioGene's new Hot Taq...



No need to mind your P's or Q's !

Lane 1 + 10	DNA Marker
Lane 2	Un-activated enzyme P
Lane 3	Un-activated enzyme Q
Lane 4/5	Un-activated HotTaq
Lane 6	Activated enzyme P
Lane 7	Activated enzyme Q
Lane 8/9	Activated HotTaq

... and if you can see a difference, it will only be in the price!

### Hot Taq

250u  
2500u

### OFFER PRICE

£62.50  
£550.00

### PRICE/250u

£62.50  
£55.00

Complete with 'Magic Reagent' ('MR') for amplification of high GC content targets  
 Enquire for pricing on larger pack sizes

## Bio/Chemz™ MOLECULAR BIOLOGY REAGENTS

1gm X-Gal (1gm IPTG FOC) £28.00  
 5gm X-Gal (5gm IPTG FOC) £135.00

DTT	5gm	£18.00
GITC	500gm	£65.00
X-Gluc	1gm	£94.50
Caesium Chloride	1kg	£137.00

# REAL TIME PCR REAGENTS

\*LightCycler User? \*\*Taqman User?

If you do not already buy your reagents from us, we guarantee minimally a 30% price difference on Real-Time PCR Master Mixes, with at least equivalence in absolute Quality of reagents, compared to your current supplier. We have been supporting LightCyclers since 1997.

Give us a call!

## ALSO AVAILABLE

Single Tube RT-PCR Kit  
 Assay Development  
 Application Trouble-shooting

**We are looking for Regional Sales Managers!**

**Ph D Molecular Biologist?**

**An aptitude for sales?**

**Want to use your Science and get well remunerated?**

**Well organised, self motivated and enjoy a challenge?**

**LOOK AT OUR WEBSITE**

via site map 'recruitment' or email your cv to 'recruitment@biogene.com'

..... excellence and innovation in molecular biology

## REAL-TIME, CLOSED TUBE DETECTION OF NUCLEIC ACIDS

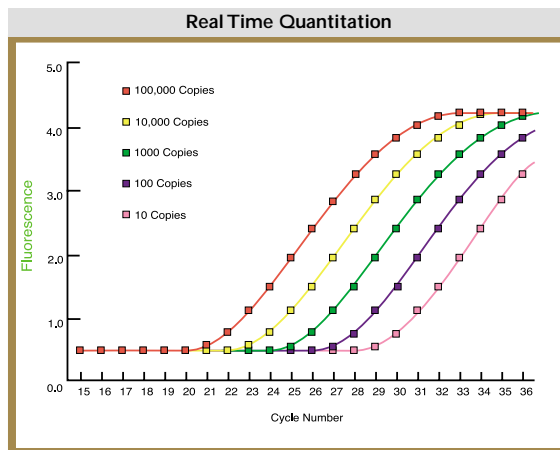
**Real-Time!** Monitor your amplification "as it happens", quantitate starting template and discriminate products without running an agarose gel! Use a centrifugal air thermal cycler for **rapid results!**

**Use Standard 0.2ml Tubes!** No more expensive glass capillaries which are difficult to handle and prone to breakage resulting in release of cross-contaminating aerosols.

**No Heating Blocks!** So no uneven intra-block temperature gradients. Isothermic chamber gives rise to only specific, reproducible product amplification, **every tube, every time!**

**Multiplex Reactions!** Using the two separate excitation channels, to ensure no spectral overlap between channels [470nm (blue), 530nm (green)].

**Use Any Chemistry!** Pick the best chemistry for your application not your machine! Use non-specific probes like Sybr-Green (melting point analysis and quantitation) or Sequence Specific Chemistries e.g. Hydrolysis, Hybridisation, "Scorpions", "Molecular Beacons".



Rotorgene Real Time Analyser

### APPLICATIONS:

**Transcript Quantitation,  
Pathogen Detection, Genotyping.**

### New Web Site:

Become a "Bio/Club" member (free membership) then log-on for:

- Upto 50% Discounts!
- Application Support!
- Competitive, Comparative Pricing!
- On-Line Ordering!

www.biogene.com

To Obtain Special Offer Pricing Please Quote Ref SP2C4, offers expire 29/02/04

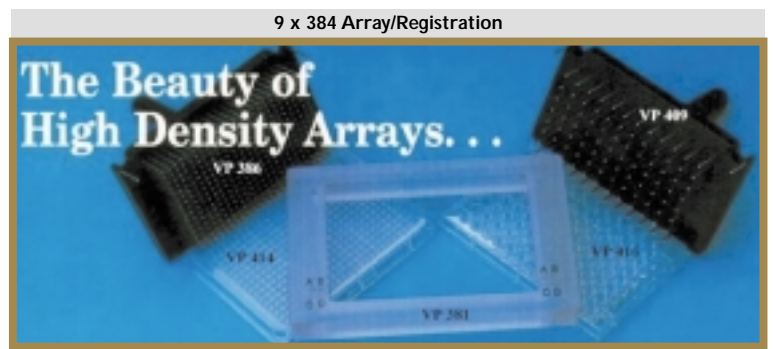
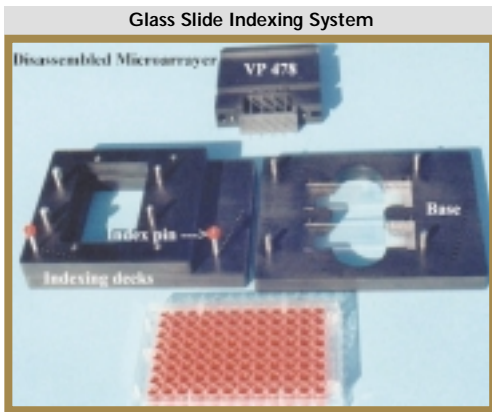
The Polymerase Chain Reaction (PCR) is protected by a patent. The patent is held by Hoffmann-La Roche.



AN ISO 9002  
COMPANY

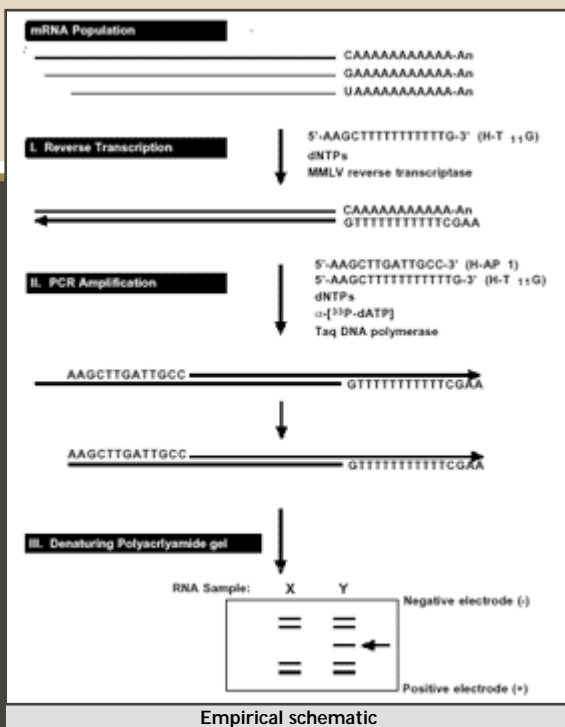
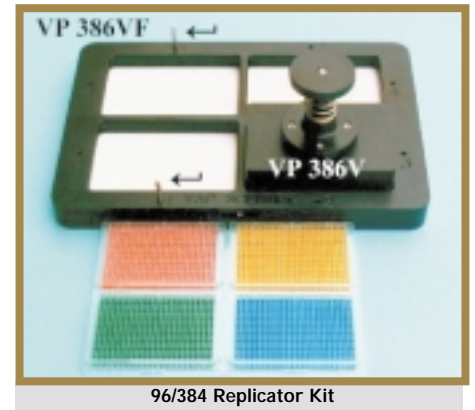
FM39343

# MICROARRAY TECHNOLOGY FROM V&P SCIENTIFIC



## MICROARRAY PRODUCTS

- 96/384/1536/'Custom' Format
- Replicators (fixed/floating pin)
- Tumble Stirrers for MTP
- Dispensers
- Manual/'Add to Robot' Format
- Library Copiers
- Rotary Magnetic Tumble Stirrers
- Standard/Deep Well MTP
- Colony Pickers
- Sterile/Autoclavable Option



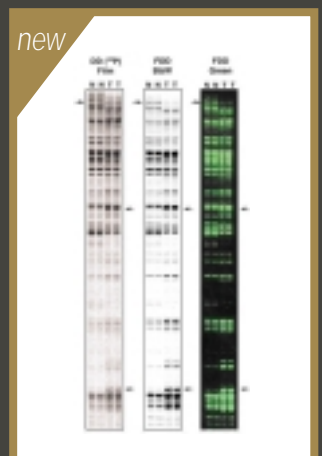
SEE COMPLETE RANGE ON  
[www.biogene.com](http://www.biogene.com)  
**15% DISCOUNT IF ORDERED ON-LINE**

## GenHunter DIFFERENTIAL DISPLAY KIT

A proven technique for identification & characterisation of differentially expressed genes.

### RNA Spectra Kits

for fluorescent differential display.



- Equivalent sensitivity to <sup>33</sup>P
- Excellent reproducibility
- Only 5µg total RNA required



## LICENSED AMPLIFICATION REAGENTS!

Products that have been tried and tested over the past 10 years worldwide: **exceptional reagents at an exceptional price!**

PRODUCT	CATALOGUE NO.	PACK SIZE	£
<b>DNA Polymerases:-</b>			
choose from			
• <i>Taq, Tbr, Tfl, Tsp, Tth</i>	D1002-Y(A/B)**	500u	<b>90.00</b>
• ** 1.5mM Buffer (A) or separate Mg <sup>2+</sup>	D1002-Y(A/B)**/2500u	2,500u	<b>80/500u</b>
+ 10x PCR Buffer (B)	D1002-Y(A/B)**/10000u	10,000u	<b>70/500u</b>
<b>Ultra Pure dNTP's:-</b>			
• dNTP Set (100mM)	300-111	4 x 250µl	<b>70.00</b>
	300-111	4 x (4 x 250µl)	<b>240.00</b>
• DNA Polymerisation Mix (5mM)	300-112	1 x 1,000µl	<b>38.00</b>
<b>Master Mixes:</b> includes optimised buffer, <i>Taq</i> , dNTP's : <b>'Ready-To-Use'</b>			
• <i>Taq</i> , Master Mix I	PCRM001	80 x 50µl PCR's	<b>33.00</b>
• <i>Taq</i> , Master Mix III	PCRM003	1,000 x 50µl PCR's	<b>380.00</b>
<b>Calypso™:</b> Single Tube RT-PCR Kit	RT002	40x 50µl Reactions	<b>120.00</b>
<b>Bio/Script™</b> RNase H <sup>-</sup> MMuLV-RT	MMuLV-RT H <sup>-</sup>	10,000u	<b>70.00</b>

### Markers

#### MH001 DNA Marker I

100µg Hind III digested lambda DNA **£20.00**

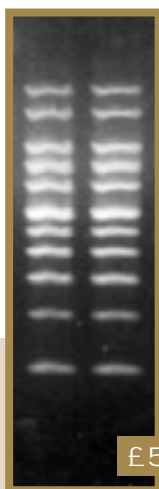
#### MEH001 DNA Marker II

100µg EcoR/Hind III digested lambda DNA **£20.00**

#### MPL001 DNA Marker III

50µg of Nci I digested pMJ3 mixed with *Taq* I digested pHC624 **£20.00**

10,000bp -  
8,000bp -  
6,000bp -  
5,000bp -  
4,000bp -  
3,000bp -  
2,500bp -  
2,000bp -  
1,500bp -  
1,000bp -  
500bp -



**£52.50**

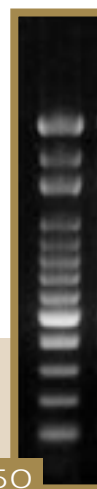
Bio/1kb DNA Ladder  
Size: 400 lanes (1µl/lane)  
0.8% Agarose gel in 0.5X TBE buffer



Bio/100 bp DNA Ladder  
Size: 50 lanes (5µl/lane)  
2% Agarose gel in 0.5X TAE buffer

**£41.50**

- 3,000bp  
- 2,000bp  
- 1,500bp  
- 1,000bp  
- 900bp  
- 800bp  
- 700bp  
- 600bp  
- 500bp  
- 400bp  
- 300bp  
- 200bp  
- 100bp



### "Thermal Cyclone"! 30 Cycles in Less than 10'!

The "**Rapidcycler**" has no metal block to impede heat transfer. Amplify a 500bp product in 9'30"!

- Lower reagent costs - sample size as low as 10µl
- Cleaner reaction products<sup>1</sup>
- No oil overlay required
- No temperature variation from sample to sample due to its truly isothermic sample chamber
- Rapid throughput

A 536bp product, from the human β-globin gene is visible in lane 2. The Rapidcycler was programmed for 30 cycles with the following parameters: 94°C for 0 sec; 60°C for 0 sec; 72°C for 5 sec. The reaction was completed in 9min 25 sec.



<sup>1</sup> Wittwer et al 1991, Biotechniques 10: 76-83

## MOLECULAR BIOLOGY GRADE 'ANALYSIS' REAGENTS

### Bio/Resolve Agarose™

A complete family of the highest specification agaroses. All products feature: absence of DNAses/RNAses, low DNA binding, good handling properties and low background fluorescence after Et. Br. Staining.

#### Hi-Pure™: Molecular Biology Grade Agarose

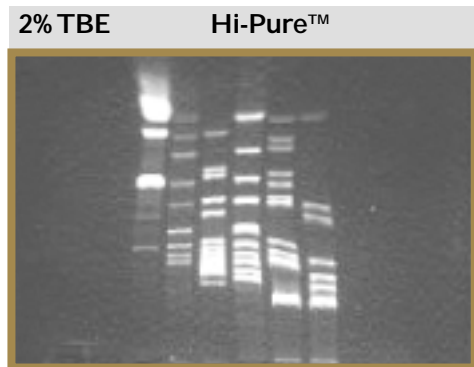
Cat No	Qty	£
300-200	100gm	<b>38.00</b>
300-600	2x250gm	<b>135.00</b>
300-650	1Kg	<b>240.00</b>

#### \*PhoreCus™ Molecular Gating Agarose

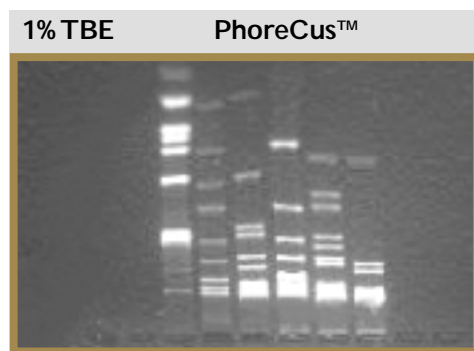
Use for DNA fragments between 60-1000bp and where high gel strength (e.g. for large gels) is required.

**Cat No. 300-900 £65/50g**

\*Equivalent to Metaphor™



2% TBE Hi-Pure™  
1 2 3 4 5 6



1% TBE PhoreCus™  
1 2 3 4 5 6

#### \*Pure-Sieve LM™

**NEW**

A low melting Agarose with high resolving capability for DNA fragments in the 200-800bp range. Use for in-gel enzymatic processes and preparative electrophoresis.

Cat No	Qty	£
300-300	50g	<b>60.00</b>

\*Equivalent to Nu-Sieve™

#### Hi-Strength™ LMP Agarose

Cat No	Qty	£
300-750	50gm	<b>75.00</b>

#### Media

	Cat No	Qty	£
LB Broth (pre-mixed)	BCM-600	1Kg	<b>36.00</b>
LB Agar (pre-mixed)	BCM-700	1Kg	<b>55.00</b>
Yeast Extract	BCM-805	1Kg	<b>39.90</b>

**3 FOR 2**

	Cat No	Qty	£
Agar	400-050	1Kg	<b>72.00</b>
Tryptone	BCM-405	1Kg	<b>47.50</b>

\* Nu-Sieve & Metaphor are trademarks of FMC Corporation

£5999



**Bio/Vision™:** High specification, compact, low-cost Gel-Documentation & Analysis System!

#### System Configuration

- 15 x 15cm UV plate for UV work (302nm).
- UV to white light converter plate for protein work.
- Low light integrating CCD camera, manual lens & UV filter.
- IBM compatible PC, 15" monitor, frame-grabber.
- Thermal Printer
- Phoretix: 'Total Lab Software' featuring simple to use yet powerful functions e.g. automatic band and lane identification, quantitation, dot-blot & array analysis.