

Gel/PCR DNA Fragment Extraction Kit



The test kit was developed to obtain or concentrate DNA fragments from agarose gels, PCR or other enzymatic processes. The agarose gel is dissolved, the enzymes are denatured and the DNA fragments will bind to the glass fiber matrix in the spin column. Wash buffers are used to remove contaminants and a low salt elution buffer is used to recover the purified DNA fragments. Recoveries are 90 - 95 % for PCR clean-up. With this kit, PCR purification and gel extraction procedures can be performed, so that a second test kit is not necessary.

- High recovery rate
- Short process time
- One test kit for two methods

Specifications

Sample size:	up to 300 mg of agarose gel/up to 100 µl of PCR product
Binding capacity:	10 µg DNA
Fragment size:	<10 kb
Typical yield:	80-90 % gel extraction/90-95 % PCR clean-up
Operation Time:	<20 min.

Want to Try Before You Buy? Simply Ask for a Sample!

For	PK	Cat. No.	Price
			GBP
100 preps	1	4.661 770	96.83
300 preps	1	4.661 771	261.54

Plasmid Purification Kits i-Blue Mini/Midi



For rapid and efficient extraction of plasmid DNA from bacterial cells. The method is based on a combination of alkaline lysis and RNase treatment to obtain a clear lysate with minimal genomic DNA and RNA contamination. The bound plasmid DNA is washed and finally eluted by adding a buffer. The test kit contains the i-Blue Lysis Buffer, an optional colour indicator. The use of this indicator prevents common handling errors that impair efficient cell lysis and neutralization.

- Fast extraction time
- High yield
- Prevention of handling errors during cell lysis and neutralisation by I-Blue colour indicator

Specifications

Method:	Spin column // Anion-Exchange
Sample size:	1 - 7 ml // 50 - 100 ml high-copy plasmid/ 100 - 150 ml low-copy plasmid
Binding capacity:	50 µg // 500 µg
Fragment size:	1 - 15 kb // 1 - 20 kb
Typical yield:	up to 50 µg // 200 - 500 µg
Operation Time:	<15 min. // <80 min.

I-Blue Mini Plasmid Kit // I-Blue Midi Plasmid Kit

Want to Try Before You Buy? Simply Ask for a Sample!

Type	Description	For	PK	Cat. No.	Price
					GBP
I-Blue MIDI	Gravity flow	25 preps	1	4.661 764	187.32
I-Blue MINI	Spin column	100 preps	1	4.661 766	85.28
I-Blue MINI	Spin column	300 preps	1	4.661 769	210.61

LLG-PCR-Tubes, 8 Strips, PP



- For 0.2 ml thermocycler blocks
- With domed or flat caps
- Consistent wall thickness for uniform heat transfer
- Contamination-free opening
- Cap strips provide tight seal during all PCR cycles
- Highly transparent cap makes them ideal for qPCR
- Virgin polypropylene, certified RNase, DNase and endotoxin free

-20%

Description	PK	Cat. No.	Price	Now
			GBP	GBP
8 PCR tube strips plus detached cap strips, domed caps	250	9.407 503	111.74	89.39
8 PCR tube strips plus detached cap strips, flat caps	250	9.407 514	105.67	84.54

LLG-PCR-Tubes, 8 Strips with attached individual Caps, PP



- For 0.2 ml Thermocycler blocks
- Made of high quality polypropylene, RNase-, DNase- and Endotoxin free

-20%

Description	PK	Cat. No.	Price	Now
			GBP	GBP
8 PCR tube strips with individually attached flat snap caps	250	9.407 515	154.70	123.76

LLG-96-Well PCR Plates, PP



- Cut-away corner for orientation
- Clear well bottom for sample visibility, with V-Bottom
- Compatible with leading thermocyclers
- Consistent wall thickness for uniform heat transfer
- Holes in the skirt for easy handling
- Virgin polypropylene, certified RNase, DNase and endotoxin free

-20%

Description	Capacity	PK	Cat. No.	Price	Now
	µl			GBP	GBP
96 Well Plate, skirted, low profile, PP	200	25	9.407 507	81.00	64.80
96 Well Plate, non-skirted, PP	300	25	6.238 061	47.76	38.21

LLG-PCR Tubes with attached Lids, PP

- Individual tubes
- Compatible with all major thermocyclers
- Consistent wall thickness for uniform heat transfer
- Cap design ensures fit and helps reduce sample evaporation
- Virgin polypropylene, certified RNase, DNase and endotoxin free



-20%

Description	PK	Cat. No.	Price	Now
			GBP	GBP
0.2ml, single, flat cap	1000	9.407 501	24.22	19.38
0.2ml, single, domed cap	1000	9.407 502	25.54	20.43

LLG-Temperature Block exact, aluminium

Suitable for both cooling and heating, universally usable, uniform temperature distribution within the block, ideal for all temperature-sensitive applications.

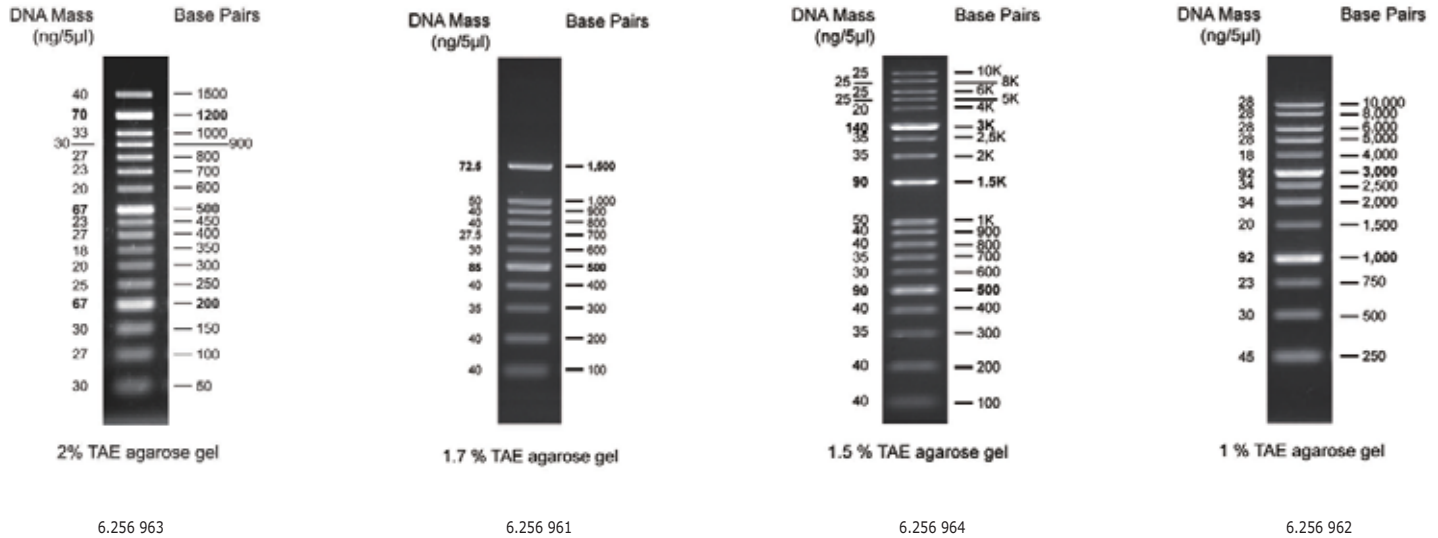
Aluminum blocks with conical compartments and closed bottom for easy and precise tempering of reaction tubes and PCR tubes. Compact size, requiring little space. Suitable for 96-well plates, 8 or 12 strips and single tubes.

-20%



Array	PK	Cat. No.	Price	Now
			GBP	GBP
96 x 0.2 ml PCR tubes + 6 x 1.5 ml tubes	1	9.409 015	85.66	68.53

DNA Markers for Gel Electrophoresis



The ready-to-use DNA markers run precisely and produce a sharp, well defined ladder. They are available in six molecular weight ranges. The markers contain high intensity reference bands and may be used to perform size comparisons with DNA molecules ranging from the smallest of PCR fragments to large, linearised cosmid vectors.

- Up to 19 bands
- Isolated from restrictive plasmids
- 6 months stable at room temperature
- 12 months shelf life at 4 °C
- 24 months storable at -20 °C
- Vials of 500 µl

-20%

Type	Size	Bands	Reference bands	PK	Cat. No.	Price	Now
						GBP	GBP
CSL-MDNA-50BP	50 bp - 1500 bp	17	200 bp, 500 bp	1	6.256 963	42.62	34.10
CSL-MDNA-100BP	100 bp - 1500 bp	11	500 bp, 1500 bp	1	6.256 961	26.00	21.52
CSL-MDNA-100BPH	100 bp - 3000 bp	12	500 bp, 1500 bp	1	6.256 960	26.00	21.52
CSL-MDNA-BR	100 bp - 10 Kb (Broad Range)	19	500 bp, 1.5 Kb, 3 Kb	1	6.256 964	42.62	34.10
CSL-MDNA-1KB	250 bp - 10 Kb	13	1 Kb, 3 Kb	1	6.256 962	26.00	21.52
CSL-MDNA-HR	250 bp - 25 Kb (High Range)	14	1 Kb, 3 Kb	1	6.256 965	42.62	34.10

Agarose for Gel Electrophoresis

AG agaroses are suitable for routine analysis of nucleic acids. They combine tensile strength with low electroendosmotic effects to achieve high resolving power for a wide size range of nucleic acid fragments. AG agaroses are also very environmentally friendly, being manufactured by a process which excludes organic solvents.



Specifications

CAS:	9012-36-6
Appearance:	White to off-white powder
EEO:	≤ 0.13 %
Gelling Point:	36 °C ±1.5 °C (1.5 % gel)
Melting Point:	88 °C ±1.5 °C (1.5 % gel)
Solubility:	Clear, colourless solution at 1 g in 100 ml water
Moisture:	< 10 %
Gel Strength:	≥ 1200 g/cm ² (1 % gel)
Sulphate:	< 0.20 %
DNase, RNase, Protease, Endonuclease:	None Detected



-20%

Type	Capacity	PK	Cat. No.	Price	Now
	g			GBP	GBP
CSL-AG100	100	1	9.584 695	39.23	31.38
CSL-AG500	500	1	9.584 696	168.85	135.08

LABORTOPS

**! EXTRA
GENOMICS**

UV/PCR Cabinet UVT-B-AR

Economy bench-top model for protection against contamination during a variety of DNA/RNA procedures.

- UV surface irradiation, via single 25 W 254 nm open UV lamp
- Patented high intensity UV air cleaner, 25 m³/hour cleaner-recirculator continuous air flow with 1cm UV irradiation distance
- UV lamp in the upper hood disinfects the working area, inactivating DNA/RNA fragments during 15-30 min of exposure
- UV exposure control, 24 hour digital timer
- Convenient, easy to use digital timer for accurate control of UV exposure
- White lamp provides local illumination of the workplace to optimise visual control during operations
- Shock proof glass panels, metal framework and stainless steel work surface
- Automatic switch-off of open UV light when door opened
- Contains an integral power socket

Grant



Specifications

External dimensions (W x D x H):
Working area dimensions (W x D):
Weight:

690 x 585 x 555 mm
650 x 475 mm
32 kg

-20%

Type	PK	Cat. No.	Price	Now
UVT-B-AR, with internal socket	1	9.721 070	GBP 1,963.96	GBP 1,491.17