

# 9 1 1 L A B

### CATALOGO Biología Molecular

www.911lab.com

## X

## BIOLOGİA MOLECULAR

#### **PCR Products**

- Taq Polymerases (For Routine, High Specificity, High Fidelity, Long & Fast PCR)
- NTP Sets & Solutions, dNTP Sets, Mixes & Solutions
- PCR Accessory Reagents PCR Mixes & Kits (Routine Master Mixes, Realtime Master Mix (qPCR) & Kits)
- RNA Accessory Reagents SDS PAGE Accessory Reagents
- Staining Dyes

#### Ready-to-use DNA Molecular Weight Standards

- Routine DNA Markers (Range: 0.1 15kb)
- FluroBronze DNA Marker Packs (Range: 100bp 25kb)
- SafeDye DNA Marker Packs (Range: 100bp 25kb)

#### **Reference Digests/Markers**

#### **Restriction Enzymes**

#### **DNA Ladders**

- Routine DNA Ladders (Range: 10bp 15kb)
- FluroBronze DNA Ladder Packs (Range: 50bp 1kb)
- SafeDye DNA Marker Packs (Range: 50bp 1kb)

#### Ready-to-use Protein Molecular Weight Standards (Range: 14 – 220kDA)

**Cloning Vectors** 

**DNA Fragments** 

**Teaching Kits** 



#### unit

#### PCR Products (Taq Polymerase, Bulfers & Kits)

#### **TAQ Polymerases**

#### Routine PCR

61524	TAQ DNA	Includes Tag DNA Polymerase (1U/ul)	500 units
BTP001	Polymerase (1U/µI)	10X PCR Buffer (MgCl, free), 25mM MgCl,	1000 units
		( 3-2 ) - 3-2	5000 units
32976	TAQ DNA	Includes Tag DNA Polymerase (3U///l)	500 units
BTP002	Polymerase (3U/µl)	IOX PCR Buffer (MgCl, free), 25mM MgCl,	1000 units
DIFUE	r orymenase (oo/µ/)	tox r on burer (mgol, nee), zanningela	5000 units
			10000 units
82487	TAO DNA	Includes Tag DNA Polymerase (5U///I)	500 units
BTP003	Polymerase (5U/µl)	10X PCR Buffer (MgCl, free), 25mM MgCl,	1000 units
		torr of bar of (higos hoo). Earth higos	3000 units
			5000 units
12816	TAQ DNA	Includes Tag DNA Polymerase (5U/JI)	500 units
BTP005	Polymerase (5U/µI)	10X PCR Butter (Mg2+ Plus)	1000 units
	(w/6X Buffer)	6X Loading Buffer	5000 units
			10000 units
51613	TAQ DNA	Includes Tag DNA Folymerase (5U///l)	500 units
BTP006	Polymerase (5U/µI)	10X PCR Buffer (Mg2+ Plue)	1000 units
	(w/6X Buffer, w/dNTP)	6X Loading Buffer	5000 units
		dNTP mix (each 2.5 mM)	10000 units
45758 BTP008	TAQ DNA Polymerase (5U/µI) (Large)	Includes Tag DNA Polymerase (5U/ul): 36 X 100µl 10X PCR Buffer (Mg²* Plus): 36 X 1.25ml	18000 units

#### **High Specificity PCR**

46033 BTP009	HSP TAQ DNA Polymerase (5U/µI)	Includes LISP Taq DNA Polymerase (5U/ $\mu$ ) 10X HSP PCR Buffer (with Mg <sup>2+</sup> ) $6 \times Loading Buffer$	500 units 1000 units
79383 BTP010	HSP TAQ DNA Polymerase (5U/µI) (Large)	Includes HSF Taq ENA Polymerase (5U/µl): 36 X 100 µl IOX PCR Buffer (Mg <sup>2+</sup> Plus): 36 X 1.25ml	18000 units



code new/old	product name	application/description

**High Fidelity PCR** 

22774 BTP011	Pfu DNA Polymerase (5U/µI)	Includes Pfu DNA Polymerase (5U/µl) 10X Pfu Buffer (Mg²+ Plus) 6X Loading Buffer	250 units 1000 units
49069 BTP012	Pfu DNA Polymerase (5U/µI) (w/dNTP)	Includes Pfu DNA Polymerase (5U/µl) 10X Pfu Buffer (Mg <sup>2+</sup> Plus) 6X Loading Buffer dNTP mix (each 2.5mM)	250 units 1000 units
85737 BTP013	TAQ Plus DNA Polymerase (2.5U/µl)	Includes Taq plus DNA Polymerase (2.5U/µl) 10X PCR Buffer (Mg²+ Plus) 6X Loading Buffer	250 units 1000 units
93561 BTP014	TAQ Plus DNA Polymerase (2.5U/µI) (w/dNTP)	Includes Taq plus DNA Polymerase (2.5U/µl) 10X PCR Buffer (Mg <sup>2+</sup> Plus) 6X Loading Buffer dNTP mix (each 2.5mM)	250 units 1000 <mark>unit</mark> s
Long PCR			
15367 BTP015	Long TAQ DNA Polymerase (5U/µI)	Includes Long Taq DNA Polymerase (5U/µl) 10X Long Taq Buffers I & II (Mg²+ Plus) 6X Loading Buffer PCR Enhancer	250 units 1000 units
94126 BTP016	Long TAQ DNA Polymerase (5U/µl) (w/dNTP)	Includes Long Taq DNA Polymerase (5U/µl) 10X Long Taq Buffers I & II (Mg <sup>2+</sup> Plus) 6X Loading Buffer PCR Enhancer dNTP mix (each 2.5mM)	250 units 1000 units

unit

Fast PCR

58235 BTP017	FSP TAQ DNA Polymerase (5U/µl)	Includes FSP Taq DNA Polymerase (5U/µl) 10X FSP Taq Buffer (with Mg <sup>2+</sup> ) 6X Loading Buffer	250 units 1000 units 3000 units
70073 BTP018	FSP TAQ DNA Polymerase (5U/µl) (w/dNTP)	Includes FSP Taq DNA Polymerase (5U/µl) 10X FSP Taq Buffer (with Mg <sup>2+</sup> ) 6X Loading Buffer dNTP mix (each 2.5 mM)	250 units 1000 units 3000 units



www.911lab.com

## **911**LAB

72009	dATP (100mM Solution)	0.2 m 0.5 m
BOS015 19809 BOS017	dCTP (100mM Solution)	0.5 m 0.2 m 0.5 m
47435 BOS018	dGTP (100mM Solution)	0.2 m 0.5 m
91474 BOS016	dTTP (100mM Solution)	0.2 ml 0.5 ml
71411	dUTP (100mM Solution)	0.25m
PCR Acc	essory Reagents	
61318 BPB001	10X PCR Buffer with KCI (Mg <sup>2+</sup> free)	4×1.25ml
41212 BPB002	10X PCR Buffer with 15mM Mg <sup>2+</sup>	4×1.25ml
43386 BPB003	10X PCR Buffer with Mg <sup>2+</sup> set	6×1.25ml
86687 BPB004	25mM MgCl <sub>2</sub>	1×1.25ml

#### **dNTP** Solutions

70596	dNTP Mix (2.5mM each)	1m
BOS011	ten specie danse (70	5×1m
18821	dNTP Mix (10mM each)	1m
BOS013		5×1m
14464	dNTP Mix (25mM each)	1m
		5×1m
52618	dNTP Mix	0.5m
BOS010	(10mM each, RNase-free)	
	(	

#### **dNTP** Mixes

	<i>K</i>	
94903	dNTP Set (100mM each)	4×0.25ml
BOS014		4×1m
		4×5m
69478	dNTP Set (10mM each)	4×0.1m
		4×0.5m
		5x(4x0.2ml)

#### dNTP Sets (100mM, 10mM)

65240	NTP Set (100mM each)	4x0.25ml
89889	ATP (100mM Solution)	0.25m
71636	CTP (100mM Solution)	0.25m
88705	GTF (100mM Solution)	0.25m
93633	UTP (100mM Solution)	0.25m

#### NTP and dNTP Sets, Mixes & Solutions

#### NTP Set & Solutions (100mM each)

#### code new/old

product name

application/description

unit

code new/old	product name	application/description	unit
High Fidelity	PCR		
22774 BTP011	Pfu DNA Polymerase (5U/µI)	Includes Pfu DNA Polymerase (5U/µl) 10X Pfu Buffer (Mg²+ Plus) 6X Loading Buffer	250 units 1000 units
<b>49069</b> BTP012	Pfu DNA Polymerase (5U/µl) (w/dNTP)	Includes Pfu DNA Polymerase (5U/µl) 10X Pfu Buffer (Mg <sup>2+</sup> Plus) 6X Loading Buffer dNTP mix (each 2.5mM)	250 units 1000 units
85737 BTP013	TAQ Plus DNA Polymerase (2.5U/µl)	Includes Taq plus DNA Polymerase (2.5U/µl) 10X PCR Buffer (Mg²* Plus) 6X Loading Buffer	250 units 1000 units
<b>93561</b> BTP014	TAQ Plus DNA Polymerase (2.5U/µl) (w/dNTP)	Includes Taq plus DNA Polymerase (2.5U/µl) 10X PCR Buffer (Mg <sup>2+</sup> Plus) 6X Loading Buffer dNTP mix (each 2.5mM)	250 units 1000 units
Long PCR			
15367 BTP015	Long TAQ DNA Polymerase (5U/µI)	Includes Long Taq DNA Polymerase (5U/µl) 10X Long Taq Buffers I & II (Mg²+ Plus) 6X Loading Buffer PCR Enhancer	250 units 1000 units
<b>94126</b> BTP016	Long TAQ DNA Polymerase (5U/µI) (w/dNTP)	Includes Long Taq DNA Polymerase (5U/µl) 10X Long Taq Buffers I & II (Mg <sup>2+</sup> Plus) 6X Loading Buffer PCR Enhancer dNTP mix (each 2.5mM)	250 units 1000 units

#### Fast PCR

58235 BTP017	FSP TAQ DNA Polymerase (5U/µl)	Includes FSP Taq DNA Polymerase (5U/µl) 10X FSP Taq Buffer (with Mg <sup>2+</sup> ) 6X Loading Buffer	250 units 1000 units 3000 units
70073 BTP018	FSP TAQ DNA Polymerase (5U/µl) (w/dNTP)	Includes FSP Taq DNA Polymerase (5U/µl) 10X FSP Taq Buffer (with Mg <sup>2</sup> *) 6X Loading Buffer dNTP mix (each 2.5 mM)	250 units 1000 units 3000 units



code new/old	product name	application/description	unit
66886 BOS009	DEPC-Treated Wate	ər	100 ml
96370 B0S020	Water, nuclease-fre	8	5×1ml 100ml 500 ml
20870 B05019	PCR Enhancer		0.5ml
52531 B0S021	PCR Sample Prepa	ration Solution	50 preps 200 preps
75948 BLD001	T4 DNA Ligase (200	CEU/µI)	200unit 1000unit 5000unit

#### PCR Mixes & Kits

#### Routine PCR Master Mixes

50900 BPB005	Taq Mix (2X) (PCR Master Mix (2X))	1ml (40 rxns) 5×1ml (200rxns)
94531 BPB007	Ptu Mix (2X)	1ml (40 rxns) 5× Iml (200rxns)
23782 BPB008	Plus Mix (2X)	1ml (40 rxns) 5×1ml(20Crxns)
66677 BPB009	HSP Mix (2X)	1ml(40 rxns) 5×1ml (200rxns)
36250 BPB011	Long Taq Mix (2X)	1ml (40rxns) 5×1ml (200rxns)
11307 BPB013	FSP Taq Mix (2X)	1ml (40 rxns) 5×1ml (200rxns)
84729	FSP Taq Mix Direct for blood (2X)	1ml (10 rxne)
BPB015		5×1ml (200mms)
20220 BPB016	FSP Taq Mix Direct for tissue (2X)	1ml (40 rxns) 5×1ml (20Crxns)
Realtime PC	R Master Mix (gPCR)	
60159	BioLit FluroGreen qPCR Master Mix (2X)	0.5ml (20.amps) 1ml (40.amps)
78797	BioLit FlurcGreen qPCR Master Mix (Low CAR) (2X)	0.5ml (20 amps) 1ml (40 amps)
36151	BioLit FluroGreen qPCR Master Mix (High CAR) (2X)	0.5ml (23 amps) 1ml (40 amps)
PCR Kits		
93658 BPB014	FSP Kit	5×1ml (200 rxns)
61090 BPB010	(Contains 2X FSP Reaction Nix and FSP DNA Polymerase (2.5U/µl)) HSP Kit (Contains 2X HSP Reaction Nix and HSP DNA Polymerase (2.5U,µl))	5×1ml (200 rxns)
75906 BPB012	Contains 2X PCR Reaction Mix, PCR Enhancer & Long Tag DNAPolymerase (2.5U/µl))	5×1ml (200mms)
11405	PCR Kit (Taq Mix Kit)	5×1ml (200rxne)
BPB006	(Contains 2X PCR Reaction Nix & Tag DNA polymerase (2.5U/µl)	
12770 RBR017	Pfu Kit	5×1ml (200rxns)
BPB017	(Contains 2X Pfu Reaction Mix and Pfu Tag DNA Polymerase (2.5U/µ'))	

www.911lab.com

#### Nucleic Acid Purification Aids

#### Spin Columns

99618	Mini Silica Spin Columns A (2ml each)	50 no:
	Binding capacity — 45ug	100 no
	Used in purifying nucleic acids of 65bp to 10kb size from PCR amplifications and agarose gel extractions.	500 no
64968	Mini Silica Spin Columns B (2ml each)	50 no
	Binding capacity — 50ug	100 no
	Used in purifying nucleic acids of less than 10kb size from lysed cell cultures.	500 no
90113	Mini Silica Spin Columns C (2ml each)	50 no
	Binding capacity — 55ug	100 no
	Used in purifying nucleic acids of less than 10kb size from lysed cell cultures.	500 no
24818	Maxi Spin Columns (50ml each)	20 no
	Binding capacity — 1000ug	50 no
	Used in purifying nucleic acid of less than 300kb size from plasmid and genomic DNA lyse Each column can process 20-50 ml of cell cultures.	ed cultures.
20182	RNA Mini Spin Column (2ml each)	50 no
	Binding capacity — 40ug	100 no:
	Used in purifying RNA from agarose gel extractions.	
Spin Colun	nn Sets	
20738	Mini Silica Spin Column Set A (2ml SC w/ CT)	50 00
39738	Mini Silica Spin Column Set A (2ml SC w/ CT) Binding capacity — 45ug	50 no: 100 no:
39738	Binding capacity — 45ug Supplied with 2ml Collection Tube (CT)	100 no
	Binding capacity — 45ug Supplied with 2ml Collection Tube (CT) Used in purifying nucleic acids of 65bp to 10kb size from PCR amplifications and agarose	100 no
39738 89887	Binding capacity — 45ug Supplied with 2ml Collection Tube (CT) Used in purifying nucleic acids of 65bp to 10kb size from PCR amplifications and agarose Mini Silica Spin Column Set B (2ml SC w/ CT)	100 no e gel extractions. 50 no
	Binding capacity — 45ug Supplied with 2ml Collection Tube (CT) Used in purifying nucleic acids of 65bp to 10kb size from PCR amplifications and agarose	100 no e gel extractions. 50 no
	Binding capacity — 45ug Supplied with 2ml Collection Tube (CT) Used in purifying nucleic acids of 65bp to 10kb size from PCR amplifications and agarose Mini Silica Spin Column Set B (2ml SC w/ CT) Binding capacity — 50ug	100 no e gel extractions. 50 no
	Binding capacity — 45ug Supplied with 2ml Collection Tube (CT) Used in purifying nucleic acids of 65bp to 10kb size from PCR amplifications and agarose Mini Silica Spin Column Set B (2ml SC w/ CT) Binding capacity — 50ug Supplied with 2ml Collection Tube (CT)	100 no e gel extractions. 50 no 100 no
89887	Binding capacity — 45ug Supplied with 2ml Collection Tube (CT) Used in purifying nucleic acids of 65bp to 10kb size from PCR amplifications and agarose Mini Silica Spin Column Set B (2ml SC w/ CT) Binding capacity — 50ug Supplied with 2ml Collection Tube (CT) Used in purifying nucleic acids of less than 10kb size from lysed cell cultures. Mini Silica Spin Column Set C (2ml SC w/ CT) Binding capacity — 55ug	100 no: e gel extractions. 50 no: 100 no: 50 no:
89887	Binding capacity — 45ug Supplied with 2ml Collection Tube (CT) Used in purifying nucleic acids of 65bp to 10kb size from PCR amplifications and agarose Mini Silica Spin Column Set B (2ml SC w/ CT) Binding capacity — 50ug Supplied with 2ml Collection Tube (CT) Used in purifying nucleic acids of less than 10kb size from lysed cell cultures. Mini Silica Spin Column Set C (2ml SC w/ CT) Binding capacity — 55ug Supplied with 2ml Collection Tube (CT)	100 no: e gel extractions. 50 no: 100 no: 50 no:
89887	Binding capacity — 45ug Supplied with 2ml Collection Tube (CT) Used in purifying nucleic acids of 65bp to 10kb size from PCR amplifications and agarose Mini Silica Spin Column Set B (2ml SC w/ CT) Binding capacity — 50ug Supplied with 2ml Collection Tube (CT) Used in purifying nucleic acids of less than 10kb size from lysed cell cultures. Mini Silica Spin Column Set C (2ml SC w/ CT) Binding capacity — 55ug	100 no e gel extractions. 50 no 100 no 50 no
89887	Binding capacity — 45ug Supplied with 2ml Collection Tube (CT) Used in purifying nucleic acids of 65bp to 10kb size from PCR amplifications and agarose Mini Silica Spin Column Set B (2ml SC w/ CT) Binding capacity — 50ug Supplied with 2ml Collection Tube (CT) Used in purifying nucleic acids of less than 10kb size from lysed cell cultures. Mini Silica Spin Column Set C (2ml SC w/ CT) Binding capacity — 55ug Supplied with 2ml Collection Tube (CT) Used in purifying nucleic acids of less than 10kb size from lysed cell cultures. Mini Silica Spin Column Set C (2ml SC w/ CT) Binding capacity — 55ug Supplied with 2ml Collection Tube (CT) Used in purifying nucleic acids of less than 10kb size from lysed cell cultures. Maxi Spin Column Set (50ml SC w/ CT)	90 no 100 no 50 no 100 no 50 no 100 no
89887 69516	<ul> <li>Binding capacity – 45ug</li> <li>Supplied with 2ml Collection Tube (CT)</li> <li>Used in purifying nucleic acids of 65bp to 10kb size from PCR amplifications and agarose</li> <li>Mini Silica Spin Column Set B (2ml SC w/ CT)</li> <li>Binding capacity – 50ug</li> <li>Supplied with 2ml Collection Tube (CT)</li> <li>Used in purifying nucleic acids of less than 10kb size from lysed cell cultures.</li> <li>Mini Silica Spin Column Set C (2ml SC w/ CT)</li> <li>Binding capacity – 55ug</li> <li>Supplied with 2ml Collection Tube (CT)</li> <li>Used in purifying nucleic acids of less than 10kb size from lysed cell cultures.</li> <li>Mini Silica Spin Column Set C (2ml SC w/ CT)</li> <li>Binding capacity – 55ug</li> <li>Supplied with 2ml Collection Tube (CT)</li> <li>Used in purifying nucleic acids of less than 10kb size from lysed cell cultures.</li> <li>Maxi Spin Column Set (50ml SC w/ CT)</li> <li>Binding capacity – 1000ug</li> </ul>	100 no e gel extractions. 50 no 100 no 50 no 100 no 20 no
89887 69516	Binding capacity — 45ug Supplied with 2ml Collection Tube (CT) Used in purifying nucleic acids of 65bp to 10kb size from PCR amplifications and agarose Mini Silica Spin Column Set B (2ml SC w/ CT) Binding capacity — 50ug Supplied with 2ml Collection Tube (CT) Used in purifying nucleic acids of less than 10kb size from lysed cell cultures. Mini Silica Spin Column Set C (2ml SC w/ CT) Binding capacity — 55ug Supplied with 2ml Collection Tube (CT) Used in purifying nucleic acids of less than 10kb size from lysed cell cultures. Maxi Spin Column Set (50ml SC w/ CT) Binding capacity — 1000ug Supplied with 50ml Collection Tube (CT)	20 no e gel extractions. 50 no 100 no 50 no 20 no 50 no 50 no
89887 69516	<ul> <li>Binding capacity – 45ug</li> <li>Supplied with 2ml Collection Tube (CT)</li> <li>Used in purifying nucleic acids of 65bp to 10kb size from PCR amplifications and agarose</li> <li>Mini Silica Spin Column Set B (2ml SC w/ CT)</li> <li>Binding capacity – 50ug</li> <li>Supplied with 2ml Collection Tube (CT)</li> <li>Used in purifying nucleic acids of less than 10kb size from lysed cell cultures.</li> <li>Mini Silica Spin Column Set C (2ml SC w/ CT)</li> <li>Binding capacity – 55ug</li> <li>Supplied with 2ml Collection Tube (CT)</li> <li>Used in purifying nucleic acids of less than 10kb size from lysed cell cultures.</li> <li>Mini Silica Spin Column Set C (2ml SC w/ CT)</li> <li>Binding capacity – 55ug</li> <li>Supplied with 2ml Collection Tube (CT)</li> <li>Used in purifying nucleic acids of less than 10kb size from lysed cell cultures.</li> <li>Maxi Spin Column Set (50ml SC w/ CT)</li> <li>Binding capacity – 1000ug</li> </ul>	20 no e gel extractions. 50 no 100 no 50 no 20 no 50 no 50 no
89887 69516 34148	Binding capacity — 45ug Supplied with 2ml Collection Tube (CT) Used in purifying nucleic acids of 65bp to 10kb size from PCR amplifications and agarose Mini Silica Spin Column Set B (2ml SC w/ CT) Binding capacity — 50ug Supplied with 2ml Collection Tube (CT) Used in purifying nucleic acids of less than 10kb size from lysed cell cultures. Mini Silica Spin Column Set C (2ml SC w/ CT) Binding capacity — 55ug Supplied with 2ml Collection Tube (CT) Used in purifying nucleic acids of less than 10kb size from lysed cell cultures. Maxi Spin Column Set (50ml SC w/ CT) Binding capacity — 1000ug Supplied with 50ml Collection Tube (CT) Used in purifying nucleic acid of less than 300kb size from plasmid and genomic DNA lyse	e gel extractions. 50 no 100 no 50 no 100 no 20 no 50 no 50 no 50 no
89887 69516 34148 37351	Binding capacity — 45ug Supplied with 2ml Collection Tube (CT) Used in purifying nucleic acids of 65bp to 10kb size from PCR amplifications and agarose <b>Mini Silica Spin Column Set B (2ml SC w/ CT)</b> Binding capacity — 50ug Supplied with 2ml Collection Tube (CT) Used in purifying nucleic acids of less than 10kb size from lysed cell cultures. <b>Mini Silica Spin Column Set C (2ml SC w/ CT)</b> Binding capacity — 55ug Supplied with 2ml Collection Tube (CT) Used in purifying nucleic acids of less than 10kb size from lysed cell cultures. <b>Maxi Spin Column Set (50ml SC w/ CT)</b> Binding capacity — 1000ug Supplied with 50ml Collection Tube (CT) Used in purifying nucleic acid of less than 300kb size from plasmid and genomic DNA lyse Each column can process 20-50 ml of cell cultures.	e gel extractions. 50 no 100 no 50 no 100 no 20 no 50 no ed cultures. 50 no
89887 69516	<ul> <li>Binding capacity — 45ug</li> <li>Supplied with 2ml Collection Tube (CT)</li> <li>Used in purifying nucleic acids of 65bp to 10kb size from PCR amplifications and agarose</li> <li>Mini Silica Spin Column Set B (2ml SC w/ CT)</li> <li>Binding capacity — 50ug</li> <li>Supplied with 2ml Collection Tube (CT)</li> <li>Used in purifying nucleic acids of less than 10kb size from lysed cell cultures.</li> <li>Mini Silica Spin Column Set C (2ml SC w/ CT)</li> <li>Binding capacity — 55ug</li> <li>Supplied with 2ml Collection Tube (CT)</li> <li>Used in purifying nucleic acids of less than 10kb size from lysed cell cultures.</li> <li>Mini Silica Spin Column Set C (2ml SC w/ CT)</li> <li>Binding capacity — 55ug</li> <li>Supplied with 2ml Collection Tube (CT)</li> <li>Used in purifying nucleic acids of less than 10kb size from lysed cell cultures.</li> <li>Maxi Spin Column Set (50ml SC w/ CT)</li> <li>Binding capacity — 1000ug</li> <li>Supplied with 50ml Collection Tube (CT)</li> <li>Used in purifying nucleic acid of less than 300kb size from plasmid and genomic DNA lyse Each column can process 20-50 ml of cell cultures.</li> <li>RNA Spin Column Set (2ml SC w/ CT)</li> </ul>	20 no: 20 no: 20 no: 20 no: 20 no: 50 no: 20 no: 50 no:

911LAB www.911lab.com

code new/old	product name	application/description	unit
RNA Acce	ssory Reagents		
75044	Oligo (dT) 15 primer (50µM)		50 <i>µ</i> I
BOS007 53704 BOS008	Random Hexamer Primer	6-mer (50μM)	50 <i>µ</i> l
92030 BOS006	RNasin (RNase inhibitor) (	40U/µI)	1000 units
71969 BOS012	RNA Stabilizing Solution		100 ml
50670 BOS002	TRIzol-S Reagent		20 ml 100 ml
76516 BOS004	M-MLV (Recombinant) (20 Includes 5X First Strand Buf		5000units 10000 units
94837 BOS001	RT-PCR Kit		20 preps 100 preps
SDS PAGE	Accessory Reagents		
24723 BOS027	Ready-To-Use Separating	Gel mix - 10%	100 ml
80306 BOS028	Ready-To-Use Separating	Gel mix - 12%	100 ml
88394 BOS029	Ready-To-Use Separating	Gel mix - 15%	100 ml
91574 BOS030	Ready-To-Use Stacking G	el mix - 4%	250 ml
Staining Dy	yes		
50358 BSD002	BioLit FluroBronze <sup>™</sup> Sta	<ul> <li>in A non-carcinogenic nucleic acid stain that is eco-friendly and replaces the use of ethidium bromide. Used for viewing nucleic acids on agarose gel.</li> <li>Advantage: The stain is not added to the gel matrix or the running buffers, but is mixed as a 6X loading buffer with the nucleic acid samples prior to loading onto the gel.</li> </ul>	50 µl 250 µl 1 ml
25834 BSD001 Store at RT	<b>BioLit</b> SafeDye <sup>™</sup> Stain	SafeDye is a new, safe nucleic acid stain for the detection of double-stranded DNA, single-stranded DNA and RNA in Agarose gels. This dye replaces Ethidium Bromide (toxic, potential mutagen) commonly used in Agarose gel electrophoresis and assists in determining the size of PCR product, insert and restriction analysis. SafeDye emits green fluorescence when bound to dsDNA, ssDNA and RNA. This stain has a fluorescence excitation maxima when bound to nucleic acid at approx. 290-320nm and emits at 490nm.	50 <i>µ</i> l 250 <i>µ</i> l 1 ml
		A snappy stain for Polyacrylamide gels that accelerates	250 ml
25437 BSD003	BioLit SpryBlue Stain for SDS PAGE	the staining of proteins and eliminates the need for destains.	500 ml
State of the state	for SDS PAGE	the staining of proteins and eliminates the need for destains.	500 ml



code new/old	product name	application/description	unit
83184 BOS022	6X DNA Loading Dye		5×1 ml
56885 BOS026	6X DNA Loading Dye & S	DS solution	5×1 ml
46200 BOS025	6X Orange Loading Dye		5×1 ml
55895 BOS024	6X TriColor Loading Dye		5×1 ml
73530	20X DoubleQuick DNA Electrophoresis Buffer	An exceptionally 'swift' agarose gel tank buffer that electrophoreses the DNA samples in less than 10 minutes. Three times more effective as compared to TAE or TBE buffer.	250 ml 500 ml

#### **Ready-to-use DNA Molecular Weight Standards**

10344 BLM006 Low-Range DNA Marker: 0.1 – 1kb 

 This marker range has been designed
 15 µg

 to assist in determining the size of PCR
 50 µg

 product, insert and restriction analysis.
 100 µg

 These ready-to-load DNA markers contain
 Bromophenol Blue as the tracking dye.

 Size range: 103 to 1074bp
 Size range



These DNA markers are packaged in ready-to-use convenient quantities, 150, 500 &  $1000\mu$ L, containing 15, 50 & 100  $\mu$ g respectively, recommended for 15, 50 & 100 loadings respectively.



code new/old	product name	application/des	cription	unit
BLMO	013	BLM014	BLM015	BLM010
	A.400			ALISTS.
	111	1.00	- 100 10	- 12 Mar. 41 - 60 Mir. 43 - 40 Mir. 43
	- 100 420-		- 100 U	
		-100 100	- 1200 - 120	
	-10 8	- 114 14	- 100	
		1	2 million (1997) (1997)	
¢	Callans, sorthat	E tablers toning	2 Tableto Statist	Patan Avenue
	a to Tak. (190m. elver	PUTPE, Trian, MINH	brided, Privay, etcas	1-112 Film along
1 <b>2447</b> 3LM007	Mid-Range DNA Marker: 0.5 – 5kb		This marker range should facilitate the analysis of inserts cloned into commonly used plasmids and restriction digests.	15μg 50μg 100μg
			These ready-to-load DNA markers contain Bromophenol Blue as the tracking dye. Size range: 448 to 5024bp	
5587	Hi-Range DNA		This marker range is useful for	15 <i>µ</i> g
3LM008	Marker: 2.0 – 25kb		experiments involving mega plasmids or genomic analysis. These ready-to-load DNA markers contain Bromophenol Blue as the tracking dye. Size range: 2.0 to 25kb	50 μg 100 μg
3LM013	ProxiO DNA Marker 1 : 0.1-0.6kb		Size range: 100 to 600bp These ready-to load DNA markers contain Bromophenol Blue and Xylene Cyanol as the tracking dye. Accompanied by a vial of 6X Orange Loading Dye.	50 µg
<b>18234</b> 3LM014	ProxiO DNA Marker 2 : 0.1-1.2kb		Size range: 100 to 1200bp These ready-to load DNA markers contain Bromophenol Blue and Xylene Cyanol as the tracking dye. Accompanied by a vial of 6X Orange Loading Dye.	50 µg 3x50 µg
30219 BLM015	ProxiO DNA Marker 3 : 0.2-4.5kb		Size range: 200 to 4500bp These ready-to load DNA markers contain Bromophenol Blue and Xylene Cyanol as the tracking dye. Accompanied by a vial of 6X Orange Loading Dye.	50 µg
20082 3LM016	ProxiO DNA Marker 4 : 0.5-15kb		Size range: 500 to 15000bp These ready-to load DNA markers contain Bromophenol Blue and Xylene Cyanol as the tracking dye. Accompanied by a vial of 6X Orange Loading Dye.	50 µg 3x50 µg



code	product name	application/description	
new/old			

unit

#### FluroBronze<sup>™</sup> DNA Marker Packs

57939 BLM022	FluroBronze <sup>™</sup> DNA Marker 1	Size range: 100 to 600bp These ready-to-load DNA markers contain Bromophenol Blue & Xylene Cyanol as the tracking dye along with FluroBronze stain as the fluorescent dye. Accompanied by a vial of 6X FluroBronze Stain.	50 µg
35412 BLM023	FluroBronze <sup>™</sup> DNA Marker 4	Size range: 500 to 15000bp These ready-to-load DNA markers contain Bromophenol Blue & Xylene Cyanol as the tracking dye along with FluroBronze stain as the fluorescent dye. Accompanied by a vial of 6X FluroBronze Stain.	50 <i>µ</i> g
32462 BLM024	FluroBronze <sup>™</sup> Mid Range DNA Marker	Size range: 448 to 5,024bp These ready-to-load DNA markers contain Bromophenol Blue as the tracking dye along with FluroBronze stain as the fluorescent dye. Accompanied by a vial of 6X FluroBronze Stain	50 µg
99331 BLM021	FluroBronze <sup>™</sup> Hi-Range DNA Marker	Size range: 2.0 to 25kb These ready-to-load DNA markers contain Bromophenol Blue as the tracking dye along with FluroBronze stain as the fluorescent dye. Accompanied by a vial of 6X FluroBronze Stain	50 µg

#### SafeDye DNA Marker Packs

57493 BLM018	SafeDye <sup>™</sup> DNA Marker 1	Size range: 100 to 600bp These ready-to-load DNA markers contain Bromophenol Blue & Xylene Cyanol as the trackir Accompanied by a vial of 6X SafeDye Stain.	50 µg ng dye.
21054 BLM019	SafeDye <sup>™</sup> DNA Marker 4	Size range: 500 to 15000bp These ready-to-load DNA markers contain Bromophenol Blue & Xylene Cyanol as the trackir Accompanied by a vial of 6X SafeDye Stain.	50 µg ng dye.
81685 BLM020	SafeDye <sup>™</sup> Mid range DNA Marker	Size range: 448 to 5,024 bp These ready-to-load DNA markers contain Bromophenol Blue as the tracking dye. Accompanied by a vial of 6X SafeDye Stain.	50 µg
56678 BLM017	SafeDye <sup>™</sup> Hi-range DNA Marker	Size range: 2.0 to 25kb These ready-to-load DNA markers contain Bromophenol Blue as the tracking dye. Accompanied by a vial of 6X SafeDye Stain.	50 µg

	Reference Digests/Markers				
87978	Lambda	Lambda DNA is used routinely for measurement of restriction	25 µg		
BLM010	Hind III Marker	enzyme activities. Lambda-Hind III digestion is a useful	50 µg		
		demonstration experiment for restriction analysis and it is a	100 <i>µ</i> g		
		substrate for checking DNA ligase. This is a ready-to-load marker and contains Bromophenol Blue as the tracking dye.	250 <i>µ</i> g		

9 1 1 LAB

code new/old	product name	application/description	unit
90023 BLM011	Lambda-EcoRI Marker	Lambda-EcoRI digest is a popular teaching tool to demonstrate the activity of restriction enzymes. This is a ready-to-load marker and contains Bromophenol Blue as the tracking dye.	25μg 50μg 100μg 250μg
53625 BLM012	BioLit <sup>®</sup> Lambda Double Digest Marker	Lambda DNA double digest of Hind III/EcoRI is a popular teaching tool to demonstrate double-digests (i.e., the simultaneous use of two restriction enzymes). This is a ready-to-load marker and contains Bromophenol Blue as the tracking dye.	25μg 50μg 100μg 250μg

#### **Restriction Enzymes**

85844	Alul (10U/µl)	100 unit
BRE011		250 unit
51914	BamHI (10U/µI)	2500 unit
BRE003		
32338	BgII (10U/μI)	1500 unit
BRE005		5000 unit
24848	BgIII (10U/µI)	250 unit
BRE021		500 unit
23203	BstEll (10U/µl) (Eco91I)	500 unit
BRE012		
99402	Dral (10U/µl)	1000 unit
BRE006		
91290	EcoRI (10U/µI)	4000 unit
BRE002		
90279	EcoRV (Eco321) (10U/µI)	1500 unit
BRE007		
77976	HindIII (10U/µI)	2500 units
BRE001		5000 units
		20000 units
36322	Hinfl (10U/µl)	750 unit
BRE013		
15100	Hpal (10U/µl) (KspAl)	200 unit
BRE014		
47167	Kpnl (10U/µl)	1000 unit
BRE010		
78895	MspCI (10U/µI) (BspTI)	250 unit
BRE015		
79971	Ncol (10U/µl)	125 unit
BRE016		300 unit
97361	Notl (10U/µl)	100 unit
BRE017		
94651 BBE000	Pstl (10U/µl)	1500 unit
BRE009 72649	Pvull (10U/μl)	2000 unit
BRE004	Pvuli (100/μl)	2000 unit
97505/ BRE018	Rsal (10U/µl)	250 unit
10190/ BRE019	Sall (10U/µl)	500 unit
		750 unit
15231/ BRE008	Smal (10U/µl)	500 unit
96600/ BRE020	Xbal (10U/µl)	750 unit
		1250 unit



www.911lab.com







5µl/Lane, 5% Agarose Gel



おおわたい 約

.

Scittal Trink 18

9





R



to taile

ni t 1.00

-11 .

141 -

-

-





#### www.911lab.com

code new/old	product name	application	on/description		unit
ProxiD 10	00bp DNA Ladder	ProxiC 100bp DNA Ladder Pk	s ProxiC 200bp DNA Ladder	ProxIO 500bp DNA Ladder	ProviO 1kb DNA Ladder
	10.000		.M.1876		34
					- 101 - 10
=	EBP 8	- MP 23	111 日		- 4244 44
	- 10 E			-100 40	
-		1	- 410. 41		- 100 M
	- 100 AU - 100 AU	- 100 - 00			
2	Anna Links	110.000 horder	Tutter Filler	2 - mi ii	f fallow hinder
1	CRE LINE (V	to all look it.	1/34.2 year allow	fring, frage, along	4-766 (1988, 4896)
ProviO 1ki	b DNA Ladder Plus	D2000 Ladder	D5000 Ladder	D10000 Ladder	D15000 Ladder
	Ar. and				- 100 - 11
=	107 2	- 24.6 12	38,0004	an antic	
		-100 10		- 102" 22	- 100 . 10
=	11 1	- 14 7	- 1000 10	- Ball Art	
=		- 11 . 11	- 100 - 10		
			- m / m		1
7		1		- 20 . 11	Children of Childr
1.5	une strate val Taula el nel	Fallan conten 21:782. Them dive	Talkana, Kondar 1-366, Talan, Wilson	fishan bordel 1-762,77666 étime	Aprilante del tradicional 1-242, 200m, Alfante
code old/new	product name	applicatio	on/description		unit
44897	ProxiO 10bp DN	IA Ladder Siz	e range: 80 to 300 bp		50µg
BLL008		tra	ntains Bromophenol Blue and cking dyes. Accompanied by ading Dye.		
98628	ProxiO 20bp DN		e range: 60 to 300 bp		50 µg
BLL009		Co tra	ntains Bromophenol Blue and cking dyes. Accompanied by a		
68905	ProxiO Low DN		ading Dye. e range: 25 to 700 bp		50µg
BLL010		Co	ntains Bromophenol Blue and		5X 50 µg
			cking dyes. Accompanied by	a vial of 6X Orange	
82208	ProxiO 50bp DN		ading Dye. e range: 50 to 500 bp		50 <i>µ</i> g
BLL002	FIGNO SODP DI		ntains Bromophenol Blue and	Xylene Cyanol as the	5X 50 µg
		tra Lo	cking dyes. Accompanied by a ading Dye.		1.50
88417	ProxiO 50bp DN		e range: 50 to 1,000 bp	V loss Q I	50 µg
BLL011		tra	ntains Bromophenol Blue and cking dyes. Accompanied by a ading Dye.		5X 50 µg
92972	ProxiO 100bp D	NA Ladder Siz	e range: 100 to 1,500 bp		50 <i>µ</i> g
BLL001	10	Co	ntains Bromophenol Blue and cking dyes. Accompanied by a		5X 50 µg

9 1 1 LAB www.911lab.com

code new/old	product name applie	cation/description	unit
84628 BLL018	ProxiB 100bp DNA Ladder	Size range: 100 to 1,500 bp Contains Bromophenol Blue and Xylene Cyanol as the tracking dyes.	50 μg 5X 50 μg
52075 BLL005	ProxiO 100bp DNA Ladder Plus		50 μg 5X 50 μg
50255 BLL019	ProxiB 100bp DNA Ladder Plus	Size range: 100 to 3,000 bp Contains Bromophenol Blue and Xylene Cyanol as the	50 μg 5X 50 μg
37217 BLL017	ProxiO 200bp DNA Ladder	tracking dyes. Size range: 200 to 4,000 bp Contains Bromophenol Blue and Xylene Cyanol as the tracking dyes. Accompanied by a vial of 6X Orange Loading Dye.	50 µg
93121 BLL012	ProxiO 500bp DNA Ladder	Size range: 500 to 5,000 bp Contains Bromophenol Blue and Xylene Cyanol as the tracking dyes. Accompanied by a vial of 6X Orange Loading Dye.	50 µg
48290 BLL006	ProxiO 1kb DNA Ladder	Size range: 500 to 10,000 bp Contains Bromophenol Blue and Xylene Cyanol as the tracking dyes. Accompanied by a vial of 6X Orange Loading Dye.	50 µg 5X 50 µg
93406 BLL007	ProxiO 1kb DNA Ladder Plus	Size range: 100 to 10,000 bp Contains Bromophenol Blue and Xylene Cyanol as the tracking dyes. Accompanied by a vial of 6X Orange Loading Dye.	50 µg 5X 50 µg
77305 BLL003	PCR Ladder	This size marker covers the most common range encountered in PCR and shows an aesthetically pleasing ladder of five bands (50, 150, 300, 500, and 800 bp) that separate uniformly as shown. Contains Bromophenol Blu as the tracking dye.	10 μg 50 μg 100 μg 250 μg e
65698 BLL013	D2000 Ladder	Size range: 100 to 2,000 bp Contains Bromophenol Blue and Xylene Cyanol as the tracking dyes.	50 µg
23068 BLL014	D5000 Ladder	Size range: 100 to 5,000 bp Contains Bromophenol Blue and Xylene Cyanol as the tracking dyes.	50 µg
13483 BLL015	D10000 Ladder	Size range: 250 to 10,000 bp Contains Bromophenol Blue and Xylene Cyanol as the tracking dyes.	50 µg
85791 BLL016	D15000 Ladder	Size range: 250 to 15,000 bp Contains Bromophenol Blue and Xylene Cyanol as the	50 µg
	e™ DNA Ladder Packs	tracking dyes.	

FluroBronze<sup>™</sup> DNA Ladder Packs

	7	6	1	9	5	
1	в	L	L	0	3	1

FluroBronze<sup>™</sup> PCR Ladder

Size range: 50 to 800 bp 50 µg Contains Bromophenol Blue as the tracking dye 5 x50 µg along with FluroBronze stain as the fluorescent dye. Also accompanied by a vial of 6X FluroBronze Stain.



code new/old	product name	application/o	description unit
39563 BLL026	FluroBronze™ 50bp	Ladder Plus	Size range: 50 to 1,000 bp 50 µg Contains Bromophenol Blue & Xylene Cyanol as 5 x50 µg the tracking dyes along with FluroBronze stain as the fluorescent dye. Also accompanied by a vial of 6X FluroBronze Stain.
97958 BLL027	FluroBronze™ 100bp	Ladder	Size range: 100 to 1,500 bp 50 µg Contains Bromophenol Blue & Xylene Cyanol as 5 x50 µg the tracking dyes along with FluroBronze stain as the fluorescent dye. Also accompanied by a vial of 6X FluroBronze Stain.
72601 BLL028	FluroBronze™ 100bp	Ladder Plus	Size range: 100 to 3,000 bp 50 µg Contains Bromophenol Blue & Xylene Cyanol as 5 x50 µg the tracking dyes along with FluroBronze stain as the fluorescent dye. Also accompanied by a vial of 6X FluroBronze Stain.
54896 BLL029	FluroBronze <sup>™</sup> 500bp	Ladder	Size range: 500 to 5,000 bp 50 µg Contains Bromophenol Blue & Xylene Cyanol as the tracking dyes along with FluroBronze stain as the fluorescent dye. Also accompanied by a vial of 6X FluroBronze Stain.
23416 BLL030	FluroBronze™ 1kb La	adder Plus	Size range: 100 to 10,000 bp 50 µg Contains Bromophenol Blue & Xylene Cyanol as 5 x50 µg the tracking dyes along with FluroBronze stain as the fluorescent dye. Also accompanied by a vial of

6X FluroBronze Stain.

#### SafeDye<sup>™</sup> DNA Ladder Packs

64935 BLL025	SafeDye <sup>™</sup> PCR Ladder	Size range: 50 to 800 bp     50 μg       Contains Bromophenol Blue as the tracking dye.     5 x50 μg       Also accompanied by a vial of 6X SafeDye Stain.
19262 BLL020	SafeDye <sup>™</sup> 50bp Ladder Plus	Size range: 50 to 1,000 bp 50 µg Contains Bromophenol Blue & Xylene Cyanol 5 x50 µg as the tracking dyes. Also accompanied by a vial of 6X SafeDye Stain.
33902 BLL021	SafeDye™ 100bp Ladder	Size range: 100 to 1,500 bp 50 µg Contains Bromophenol Blue & Xylene Cyanol 5 x50 µg as the tracking dyes. Also accompanied by a vial of 6X SafeDye Stain.
53261 BLL022	SafeDye <sup>™</sup> 100bp Ladder Plus	Size range: 100 to 3,000 bp 50 µg Contains Bromophenol Blue & Xylene Cyanol 5 x50 µg as the tracking dyes. Also accompanied by a vial of 6X SafeDye Stain.
27107 BLL023	SafeDye <sup>™</sup> 500bp Ladder	Size range: 500 to 5,000 bp 50 µg Contains Bromophenol Blue & Xylene Cyanol as the tracking dyes. Also accompanied by a vial of 6X SafeDye Stain.
29877 BLL024	SafeDye <sup>™</sup> 1kb Ladder Plus	Size range: 100 to 10,000 bp 50 µg Contains Bromophenol Blue & Xylene Cyanol 5 x50 µg as the tracking dyes. Also accompanied by a vial of 6X SafeDye Stain.



#### Ready-to-use Unstained Protein Molecular Weight Standards

	- 1	Read	y-to-	use F	rotei	n Ma	rkers					
bp ()	20	40	60	80	100	120	140	160	180	200	220	240
radust Cade												
ILM001	Midra	inge 1 Pr	otein Ma	rkar								
BLM003	Midra	nge 3 Pr	otein Ma	ikar								
BLM004	Popu	lar range	Protein									
SLM005	ow range	Protein M	Marker									
8084	Hig	n-Range	1 Protein	Marker					- 11-			
19625	High	Range 2	Protein N	larker				-	-			
	1											

BioLit protein molecular weight standards cover the useful range of protein sizes that a researcher or student requires for routine experiments. The recommended loading volume is 20 µl, giving approximately 5 µg of each protein sufficient for detection by Coomassie blue staining. The products are unstained markers. The proteins have been dissolved and denatured in the standard SDS-PAGE sample-loading buffer. Prepared under sterile conditions, these markers have appropriate additives to ensure long-term stability when they are stored in a refrigerator or freezer and even with brief exposure to room temperature. Although boiling is not required prior to loading, doing so will not affect results.

33203 BLM001



78084 Popular-Range This molecular weight marker covers a general 0.5 ml **BLM004** Protein Marker: 14-66kDa range of protein sizes 14-66 kDa that is typically 1 ml used by a reseacher. It contains Bromophenol 2.5 ml kDa 66 Blue as the tracking dye. 43

Profile in SDS-12% PAGE

Profile in SDB-12% PAGE (20 ml in a mini gol)



code new/old	product name	application/description	unit
59893 BLM005	Low-Range Protein Marker: 3-40kDa	This protein molecular weight standard includes proteins in the range of 2.5 - 40 kDa and contains Bromophenol Blue as the tracking dye. With the advent of proteomics and identification of many low molecular weight proteins and domains being involved in important functions, there is an emerging interest in polypeptides in this range. This is also a useful range for electrophoresis based peptide mapping, especially using Tricine SDS - PAGE.	0.5 ml 1 ml 2.5 ml
12986	High-Range 1 Protein Marker: 20-220kDa	This molecular range marker covers a larger range of molecular sizes - 20 to 220kDa and is helpful to researchers working on higher molecular weight proteins. It contains Bromophenol Blue as the tracking dye.	0.5 ml 1 ml
99625	Profile in SDS-10% PAGE (20 µl in a mini get) High-Range 2 Protein Marker: 14-220kDa	This molecular range marker covers a larger range of molecular sizes - 14 to 220kDa and is helpful to researchers working on higher molecular weight proteins. It contains Bromophenol Blue as the tracking dye.	0.5 ml 1 ml
	Profile in SDS-10% PAGE (20 pl in a mini gel)		

#### **Ready-to-use Prestained Protein Molecular Weight Standards**

68894 new	PreStain Blue Protein Marker: 14 - 66kDa	Blue Prestained Protein Molecular Weight Standard, contains a mix of proteins, coupled with a blue chromophore. This marker has 6 bands in range of 14 to 66kDa.	0.5 ml
93675		This Protein Molecular Weight Standard, contains a mix of	0.25 ml
new	Protein Marker: 14 - 66kD	a proteins, coupled with blue and red chromophore. This marker has 6 bands in range of 14 to 66kDa.	0.5 ml



code	product name	application/description
new/old	(\$2.5)	

#### unit

#### **Cloning Vectors**

55912 BLV001	developed for cloning resistance-conferring	artificial plasmid. It is a 4361 bp long plasmid and was originally . This low copy number plasmid contains tetracycline and ampicIlin genes. pBR322 remains a popular teaching aide for demonstration of riction digestion and cloning.	50 µg 100 µg
93116 BLV002	This plasmid possess i) ampicillin resistance ii) the origin of replica iii) the lac Z gene deriv	gene tion derived from pBR322 and ved from E. coli. Within the lac region is also found a polylinker sequence ion sites. It is a popular teaching aide for demonstrating plasmid DNA	50 <i>µ</i> g 100 <i>µ</i> g
48402 BLV003	It is similar to pUC18, This plasmid possess ii) the origin of replica Within the lac region is	a circular double stranded DNA and is 2686 base pairs long. but possesses different restriction sites. es – i) ampicillin resistance gene tion derived from pBR322 and iii) the lac Z gene derived from E. coli. s also found a polylinker sequence having unique restriction sites. g aide for demonstrating plasmid DNA isolation, restriction digestion and cl Nucleic Acid	50 μg 100 μg oning.
67291 new	Lambda DNA	Lambda DNA is a double stranded linear DNA of 48,502 base pairs in length. It is isolated from bacteriophage Lambda. The Lambda Phage is a bacterial virus (bacteriophage), that infects the bacterial species E. coli. The phage is isolated from the heat inducible lysogen E. coli strain. This NA is useful as size markers, in restriction enzyme assays and cloning.	100 <i>μ</i> g 250 <i>μ</i> g

Concentration - 250ng/µl



#### **DNA Fragments**

A range of 30 highly purified DNA fragments of various sizes having a standard concentrations of 0.1µg/µl.

code new	product name	unit	unit price ₹	code new	product name	unit
14504	10 bp DNA Fragment	10 <i>µ</i> g	5281.00	46026	700 bp DNA Fragment	10 <i>µ</i> g
85214	15 bp DNA Fragment	10 µg	5281.00	31895	800 bp DNA Fragment	10 <i>µ</i> g
20778	20 bp DNA Fragment	10 <i>µ</i> g	5281.00	23680	900 bp DNA Fragment	10 µg
56845	25 bp DNA Fragment	10 <i>µ</i> g	5281.00	14449	1000 bp DNA Fragment	10 µg
59864	35 bp DNA Fragment	10µg	5281.00	80238	1200 bp DNA Fragment	10 <i>µ</i> g
87262	50 bp DNA Fragment	10 <i>µ</i> g	5281.00	75999	1500 bp DNA Fragment	10 <i>µ</i> g
79782	75 bp DNA Fragment	10µg	5281.00	94919	2000 bp DNA Fragment	10 <i>µ</i> g
66515	100 bp DNA Fragment	10µg	5331.00	39557	2500 bp DNA Fragment	10 µg
86868	150 bp DNA Fragment	10µg	5331.00	55215	3000 bp DNA Fragment	10 µg
37630	200 bp DNA Fragment	10µg	5331.00	49821	4000 bp DNA Fragment	10 µg
31248	250 bp DNA Fragment	10µg	5331.00	72313	5000 bp DNA Fragment	10 <i>µ</i> g
15303	300 bp DNA Fragment	10µg	5281.00	85699	6000 bp DNA Fragment	10 µg
200 B 4 B	400 bp DNA Fragment		5281.00	85699	8000 bp DNA Fragment	10 µg
67523 94371		10 <i>µ</i> g	5281.00	76563	10000 bp DNA Fragment	
94371	500 bp DNA Fragment 600 bp DNA Fragment	10 <i>μ</i> g 10 <i>μ</i> g	5281.00	78958	15000 bp DNA Fragmen	



code	product name	application/description	no. of	unit
new/old			experiments	

#### **Research Kits**

51826	BioLit Genomic DNA	25 Extractions
new	Extracion Mini Kit	50 Extractions
	(Research)	
75718	BioLit Tissue DNA	25 Extractions
new	Extracion Mini Kit	50 Extractions
	(Research)	
94733	BioLit Whole Blood DNA	25 Extractions
new	Extracion Mini Kit	50 Extractions
	(Research)	
33981	BioLit Tissue RNA	25 Extractions
new	Extracion Mini Kit	50 Extractions
2003/23411	(Research)	
87883	BioLit Viral RNA	25 Extractions

87883	BioLit Viral RNA	25 Extractions
new	Extracion Mini Kit	50 Extractions
	(Research)	
76108	BioLit Whole Blood RNA	25 Extractions
new	Extracion Mini Kit	50 Extractions
	(Research)	

		Teaching Kits			
66602 BTK001	Agarose Gel Electrophoresis Kit (Teaching) Kit contents :	The overall goal is to view different plasmid DNAs by their movement through a matrix viz agarose gel.	15	1 Kit	
	<ul> <li>DNA Samples          <ul> <li>Loading Dye •/</li> </ul> </li> </ul>	Agarose ● Ethidium Bromide ● Tank Buffer ● DNA Size Marker			
64279	Bacterial	Transformation is central to recombinant DNA technology.	15	1 Kit	
BTK002	Transformation Kit - 1 (Teaching)	This highly self-contained Transformation Kit provides all the necessary materials including starter culture, sterile media, antibiotic & LB agar mix to perform competent cell preparation by CaCl <sub>2</sub> treatment and transformation within a day. Overnight incubation will reveal transformed colonies. Competent cells are provided as internal control.	30	1 Kit	
	Kit contents : ● Host Cells ● Sterile LB Media ● LB agar mix ● Ampicillin ● CaCl, ● Plasmid DNA				

**9**11LAB

code new/old	product name	application/description ex	no. of periments	unit		
28660	Bacterial	Transformation is central to recombinant DNA technology.	15	1 Kit		
BTK003	Transformation Kit – 2 (with blue white screening) (Teaching)	This highly self-contained Transformation Kit provides all the necessary materials including starter culture, sterile media, antibiotic & LB agar mix to perform competent cell preparation by CaCl <sub>2</sub> treatment and transformation within a day. Overnigh incubation will reveal transformed colonies. Competent cells are provided as internal control. Blue white screening is also seen with the use of the X-Gal	30	1 Kit		
	Kit contents : Host Cells  Sterile   B Media	Bagarmix ● Ampicillin ● X-gal ● IPTG ● CaCl, ● Plasmid DNA				
			10			
95043 BTK004	DNA Ligation Kit (Teaching)	This DNA ligation Kit contains reagents for ligation of two Lambda digests using T4 DNA ligase These experiments constitute essential learning experiences for a student interest in cloning and recombinant DNA strategies.	10 sted	1 Kit		
	Kit contents :					
	<ul> <li>Lambda DNA Digested with Appropriate Restriction Enzymes</li> <li>T4 DNA Ligase          <ul> <li>Ligase              <li>Ligase              <li>Ligase              <li>Ligase              </li> <li< td=""></li<></li></li></li></ul></li></ul>					
32419 BTK005	BioLit DNA Molecular Size Determination Kit (Teaching)	This kit will help a student to analyze molecular sizes of DNA fragments by agarose gel electrophoresis by comparing their mobility to standard DNA markers of known sizes. This first- level training is absolutely necessary to understand gel electrophoresis of DNA.		1 Kit		
	Kit contents :					
	<ul> <li>4 Different Test Samples</li> <li>Agaro</li> </ul>	se	r Size Markers			
<b>76941</b> BTK015	FITC Conjugation Kit (Teaching)	Fluorescein isothiocyanate (FITC) is a fluorescent dye used in labeling antibodies and proteins. FITC is a derivative of fluroscein and reacts with the amines and sulphydryl groups on proteins. This kit provides components for conjugation of fluorescein isothiocyanate with antibodies or other proteins in a quick and easy manner.	5	1 Kit		
	Kit contents : • FITC isomer	I● Buffers				
19317 BTK006	BioLit Gene Amplification Kit - PCR	PCR or Polymerase Chain Reaction has become a mainstay in modern recombinant DNA technology. BioLit's PCR kit	10 25	1 Kit 1 Kit		
	(Teaching)	has been specifically designed and standardized to eliminate the initial pitfalls so that even a beginner can be successful in the first try itself. The kit allows students to vary cycle conditions and find their effects on yield of the amplified product, an E.coli gene				
	Kit contents :	ing dMTR mix. Buffar primary and MaCL & TAO DMA Determined				
		ing dNTP mix, Buffer, primers and MgCl₂ ● TAQ DNA Polymerase garose ● TAE buffer ● Ethidium Bromide ● Marker				
83462	BioLit Genomic DNA	This genomic DNA extraction kit uses a rapid and simple	15	1 Kit		
BTK007	Extraction (from bacteria) Kit (Tea Kit contents :	technique. aching)				
	Bacterial Cell Pellets     Lysis Buffe	er   Saturated Phenol  Chlorotorm  DNA Precipitation Solution  TE Bu Gel Loading Dye  Marker	iffer			



code new/old	product name	application/description	no. of experiments	uni	
61498 BTK008	BioLit Genomic DNA Extraction (from leaves) Kit (Teach Kit contents : • Bacterial Cell Pellets • Lysis Buff • Ethidium Bromide • Agarose •	er   Saturated Phenol  Chloroform  DNA  Precipitation  Solution  TE	15 Buffer	1 Kit	
50007 BTK009		Separation of biological molecules based on size is an important purification technique. BioLit's Molecular Sieve Chromatography Kit is carefully designed to demonstrate t separation of DNA, RNA and nucleotide through a gel filtra matrix that acts as a molecular sieve. The detailed instruct will take you through column preparation, equilibration, sar	ation ion	1 Kit	
	Kit contents : • DNA-RNA-Nucleotide Mix •	Ioading, elution, fraction collection and analysis Column   Buffer   Gel Matrix			
27725	Plasmid	This plasmid mini-prep kit facilitates the rapid (~ 2 h) isolat	ion 15	1 Kit	
BTK010	Isolation Kit (Teaching)	of plasmid DNA from bacterial cells already transformed wi a plasmid. The detailed instructions which accompanythe will allow typical school and college students to use the kit	ith 25 kit	1 Kit	
		with no additional assistance. sis Reagents   DNA Precipitation Solution  Wash Solution arose  TAE Buffer  Ethidium Bromide  Plasmid Control			
31377 BTK011	Protoplast Fusion Kit (Teaching)	Protoplast fusion kit is used as a means to generate hybrid with useful characteristics in plants. The method requires careful manipulations of plant parts like leaves, petals etc. be digested with cell wall breaking enzymes. The separate and digested cells round up and in presence of polyethyler glycol fuse together which can be viewed under a microso	to d	1 Kit	
	Kit contents : • Osmotic Buffer • Macrozyme • PEG				
18450	Restriction	This kit contains materials to teach the use of restriction	10	1 Kit	
BTK012	Digestion Kit (Teaching)	enzymes HindIII and EcoRI & demonstrate restriction mapping of lambda DNA mapping. These experiments constitute essential learning experiences for a student interested in cloning and genetic mapping.	50	1 Kit	
		ction Enzymes   Reaction Buffer  Ethidium Bromide			
	Gel Loading Dye     TAE buffer     C	DNA Molecular Size Marker			



code new/old	product name	application/description		unit
83775	SDS PAGE Kit	This kit teaches the technique of separation of proteins based	15	1 Kit
BTK013	(Teaching)	on their size under denaturing conditions using sodium dodecyl sulphate (SDS) and beta mercaptoethanol (BME). SDS cleaves non ionic interactions while BME cleaves disulphide bonds. SDS also imparts a strong negative charge to the polypeptides thereby their charge to mass ratio is		
		rendered uniform. This allows the polypeptides to be separated		
		on the basis of only their size, which is read by comparison		
	Vit contente :	with a standard marker		
	Kit contents : Bis Academide Solution  Sea	arating and Stacking Buffer Solutions   APS  TEMED		
		el anny and stacking burier solutions e And e review		
31105	Silver Staining Kit	Silver staining is a rapid, easy and sensitive method used for	15	1 Kit
BTK016	(Teaching)	staining proteins, DNA and RNA after polyacrylamide gel		
		electrophoresis. Silver staining is a far more sensitive method		
		of staining than Coomassie Brilliant blue and can detect protein & even polypeptides as low as 0.05 ng in concentration.		
		Reagents sufficient for 15 reactions are enclosed.		
	Kit contents :			
	Fixing solution     Silver nitrate	Developing solution     Stop solution		
46037	Southern	E. M. Southern invented a technique to transfer separated	5	1 Kit
BTK014	Blotting Kit	DNA molecules to a membrane, which is capable of binding		
	(Teaching)	the DNA, and immobilizing it for further analysis. The technique		
		named as Southern blotting, after its inventor, involves placing either a nitrocellulose or nylon membrane in contact with the		
		agarose gel and facilitating the transfer process by capillary		
		action. By drawing buffer from the gel to the membrane, the		
		DNA fragments are forced to move with the buffer and deposit		
	1494 C. 2143 250 - 2000	on the membrane.		
	Kit contents :	Elling Damas Ministrand China & DMA Complete & Marker		
	OC Membranes      SSPE Buffer      Filter Paper Wicks and Strips      DNA Samples      Marker     Agarose      Ethidium Bromide			
52166	SpinCol Plasmid	A new teaching kit for isolation of plasmid DNA from E.coli	20	1 Kit
	Miniprep kit	cultures based on silica - membrane technology on a mini	50	1 Kit
	(Teaching)	spin columns. This is a fast and efficient method and yields		
		high quality plasmid DNA.		
	Kit contents :			
	<ul> <li>Spin column          <ul> <li>Lysis buffer</li> <li>p</li> </ul> </li> </ul>	precipitating buffer wash buffer elution buffer		





911Lab llega con el más novedoso sistema para realizar pedidos a través de la pagina <u>www.9111ab.com</u> Contando con los productos de los mayores estándares de calidad a nivel mundial y nacional. Nuestra pagina web 9111ab.com le permitirá realizar transacciones con proveedores nacionales e internacionales.

SI hace parte de este grupo de interés por favor contáctenos, será un gusto para nosotros atenderlos.



Bogotá D.C - Colombia