

Blue Pippin™ Cassette Kit Reference Chart

Software 6.40 Cassette Definition Set 33



For Size Selection

Product Number	Size Range	Collection Times	Minimum Size Distribution as Expressed by (CV)	Electrophoresis Voltage	Gel Cassette Type	Marker Type	Marker
BDQ3010	100-250 bp	50-100 min	5%	100V DC	3% agarose	Internal	Q3
BDF2010	100-600 bp	50-100 min	8%	100V DC	2% agarose	Internal	V1
BEF2010	100-600 bp	50-100 min	8%	100V DC	2% agarose	External	M1
BDF1510	250 bp-1.5 kb	30-75 min	8%	150V DC	1.5% agarose	Internal	R2
BLF7510	1-6 kb	3-8 hr	10%	25V DC	0.75% agarose	External	S1
BLF7510	2-6 kb	1.4-2.4 hr	20%	Pulsed	0.75% agarose	External	S1
BLF7510	3-10 kb	2.3-3.1 hr	20%	Pulsed	0.75% agarose	External	S1
BUF7510	10-18 kb	2.9-3.7 hr	20%	Pulsed	0.75% agarose	External	U1
BMF7510	18-27 kb	3.8-4.3 hr	20%	Pulsed	0.75% agarose	External	T1
BHZ7510	50 kb target only	9-10 hr	20%	Pulsed	0.75% HR agarose	External	Z1

DNA Control Kits

Cassette Kit Product Number	DNA Control Kit Product Number
BDQ3010	CIS3004
BDF2010	CIS2004
BEF2010	CON2004
BDF1510	CIS1504
BLF7510	CON7504
BUF7510	CON7604
BMF7510	CON7604



High Pass Plus™ Cassettes

Product Number	Threshold Range	Collection Times	Accuracy of Collection Start Value	Electrophoresis Voltage	Gel Cassette Type	Marker Type	Marker
BPLUS10	>15kb	2.5 hr	10%	100V pulsed-field	0.75% agarose	External	U1
BPLUS10	>20kb	3.0 hr	10%	100V pulsed-field	0.75% agarose	External	U1

For High-Pass Filtering (standard size selection cassettes)

Product Number	Threshold Range	Collection Times	Accuracy of Collection Start Value	Electrophoresis Voltage	Gel Cassette Type	Marker Type	Marker
BDF1510*	>250 bp-1.5 kb	2 hr	10%	100V DC	1.5% agarose	Internal	R2
BLF7510	>4-10kb	2 hr	10%	100V DC	0.75% agarose	External	S1
BLF7510	>15-20kb	5 hr	10%	100V pulsed-field	0.75% agarose	External	S1
BUF7510	>30-40kb	9 hr	10%	100V pulsed-field	0.75% agarose	External	U1
PAC20KB**	>4-20kb	2 hr	10%	100V DC	0.75% agarose	External	S1
PAC20KB**	>15-20kb	5 hr	10%	100V pulsed-field	0.75% agarose	External	S1
PAC30KB	>30-40kb	9 hr	10%	100V pulsed-field	0.75% agarose	External	U1

*Collects a maximum fragment size of 5-8 kb, depending on threshold setting

**PAC20KB and PAC30KB include a user guide specifically for PacBio customers. Other than the guide, the kits are the same as BLF7510 and BUF7510

DNA Control Kits

Cassette Kit Product Number	DNA Control Kit Product Number
BPLUS10, BLF7510, PAC20KB	CHP7504 (For High-Pass Protocols)

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