BioExtract® SuperBall® Extraction : Prepare the LAB-SMB-carrier lysis solution

To guarantee the pipetted volume, the prepared volume contains a supplementary volume of 10%.

Reagent	Number of samples																							
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**
LA Buffer	100 µl	220 µl	330 µl	440 µl	550 µl	660 µl	770 µl	880 µl	990 µl	1.1 ml	1.21 ml	1.32 ml	1.43 ml	1.54 ml	1.65 ml	1.76 ml	1.87 ml	1.98 ml	2.09 ml	2.2 ml	2.31 ml	2.42 ml	2.53 ml	2.64 ml
LB Buffer	400 µl	880 µl	1.32 ml	1.76 ml	2.2 ml	2.64 ml	3.08 ml	3.52 ml	3.96 ml	4.4 ml	4.84 ml	5.28 ml	5.72 ml	6.16 ml	6.6 ml	7.04 ml	7.48 ml	7.92 ml	8.36 ml	8.8 ml	9.24 ml	9.68 ml	10.12 ml	10.56 ml
SMB	25 µl	55 µl	82.5 µl	110 µl	137.5 µl	165 µl	192.5 µl	220 µl	247.5 µl	275 µl	302.5 µl	330 µl	357.5 µl	385 µl	412.5 µl	440 µl	467.5 µl	495 µl	522.5 µl	550 µl	577.5 µl	605 µl	632.5 µl	660 µl
RNA Carrier (1 µg/µl)	1 µl	2.2 µl	3.3 µl	4.4 µl	5.5 µl	6.6 µl	7.7 µl	8.8 µl	9.9 µl	11 µl	12.1 µl	13.2 µl	14.3 µl	15.4 µl	16.5 µl	17.6 µl	18.7 µl	19.8 µl	20.9 µl	22 µl	23.1 µl	24.2 µl	25.3 µl	26.4 µl
Exogenous IPC*	5 µl	11 µl	16.5 µl	22 µl	27.5 µl	33 µl	38.5 µl	44 µl	49.5 µl	55 µl	60.5 µl	66 µl	71.5 µl	77 µl	82.5 µl	88 µl	93.5 µl	99 µl	104.5 µl	110 µl	115.5 µl	121 µl	126.5 µl	132 µl

Reagent	**25**	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**47**	**48**
LA Buffer	2.75 ml	2.86 ml	2.97 ml	3.08 ml	3.19 ml	3.3 ml	3.41 ml	3.52 ml	3.63 ml	3.74 ml	3.85 ml	3.96 ml	4.07 ml	4.18 ml	4.29 ml	4.4 ml	4.51 ml	4.62 ml	4.73 ml	4.84 ml	4.95 ml	5.06 ml	5.17 ml	5.28 ml
LB Buffer	11 ml	11.44 ml	11.88 ml	12.32 ml	12.76 ml	13.2 ml	13.64 ml	14.08 ml	14.52 ml	14.96 ml	15.4 ml	15.84 ml	16.28 ml	16.72 ml	17.16 ml	17.6 ml	18.04 ml	18.48 ml	18.92 ml	19.36 ml	19.8 ml	20.24 ml	20.68 ml	21.12 ml
SMB	687.5 µl	715 µl	742.5 µl	770 µl	797.5 µl	825 µl	852.5 µl	880 µl	907.5 µl	935 µl	962.5 µl	990 µl	1.018 ml	1.045 ml	1.073 ml	1.1 ml	1.128 ml	1.155 ml	1.183 ml	1.21 ml	1.238 ml	1.265 ml	1.293 ml	1.32 ml
RNA Carrier (1 µg/µl)	27.5 µl	28.6 µl	29.7 µl	30.8 µl	31.9 µl	33 µl	34.1 µl	35.2 µl	36.3 µl	37.4 µl	38.5 µl	39.6 µl	40.7 µl	41.8 µl	42.9 µl	44 µl	45.1 µl	46.2 µl	47.3 µl	48.4 µl	49.5 µl	50.6 µl	51.7 µl	52.8 µl
Exogenous IPC*	137.5 µl	143 µl	148.5 µl	154 µl	159.5 µl	165 µl	170.5 µl	176 µl	181.5 µl	187 µl	192.5 µl	198 µl	203.5 µl	209 µl	214.5 µl	220 µl	225.5 µl	231 µl	236.5 µl	242 µl	247.5 µl	253 µl	258.5 µl	264 µl

Reagent	**49**	**50**	**51**	**52**	**53**	**54**	**55**	**56**	**57**	**58**	**59**	**60**	**61**	**62**	**63**	**64**	**65**	**66**	**67**	**68**	**69**	**70**	**71**	**72**
LA Buffer	5.39 ml	5.5 ml	5.61 ml	5.72 ml	5.83 ml	5.94 ml	6.05 ml	6.16 ml	6.27 ml	6.38 ml	6.49 ml	6.6 ml	6.71 ml	6.82 ml	6.93 ml	7.04 ml	7.15 ml	7.26 ml	7.37 ml	7.48 ml	7.59 ml	7.7 ml	7.81 ml	7.92 ml
LB Buffer	21.56 ml	22 ml	22.44 ml	22.88 ml	23.32 ml	23.76 ml	24.2 ml	24.64 ml	25.08 ml	25.52 ml	25.96 ml	26.4 ml	26.84 ml	27.28 ml	27.72 ml	28.16 ml	28.6 ml	29.04 ml	29.48 ml	29.92 ml	30.36 ml	30.8 ml	31.24 ml	31.68 ml
SMB	1.348 ml	1.375 ml	1.403 ml	1.43 ml	1.458 ml	1.485 ml	1.513 ml	1.54 ml	1.568 ml	1.595 ml	1.623 ml	1.65 ml	1.678 ml	1.705 ml	1.733 ml	1.76 ml	1.788 ml	1.815 ml	1.843 ml	1.87 ml	1.898 ml	1.925 ml	1.953 ml	1.98 ml
RNA Carrier (1 µg/µl)	53.9 µl	55 µl	56.1 µl	57.2 µl	58.3 µl	59.4 µl	60.5 µl	61.6 µl	62.7 µl	63.8 µl	64.9 µl	66 µl	67.1 µl	68.2 µl	69.3 µl	70.4 µl	71.5 µl	72.6 µl	73.7 µl	74.8 µl	75.9 µl	77 µl	78.1 µl	79.2 µl
Exogenous IPC*	269.5 µl	275 µl	280.5 µl	286 µl	291.5 µl	297 µl	302.5 µl	308 µl	313.5 µl	319 µl	324.5 µl	330 µl	335.5 µl	341 µl	346.5 µl	352 µl	357.5 µl	363 µl	368.5 µl	374 µl	379.5 µl	385 µl	390.5 µl	396 µl

Reagent	**73**	**74**	**75**	**76**	**77**	**78**	**79**	**80**	**81**	**82**	**83**	**84**	**85**	**86**	**87**	**88**	**89**	**90**	**91**	**92**	**93**	**94**	**95**	**96**
LA Buffer	8.03 ml	8.14 ml	8.25 ml	8.36 ml	8.47 ml	8.58 ml	8.69 ml	8.8 ml	8.91 ml	9.02 ml	9.13 ml	9.24 ml	9.35 ml	9.46 ml	9.57 ml	9.68 ml	9.79 ml	9.9 ml	10.01 ml	10.12 ml	10.23 ml	10.34 ml	10.45 ml	10.56 ml
LB Buffer	32.12 ml	32.56 ml	33 ml	33.44 ml	33.88 ml	34.32 ml	34.76 ml	35.2 ml	35.64 ml	36.08 ml	36.52 ml	36.96 ml	37.4 ml	37.84 ml	38.28 ml	38.72 ml	39.16 ml	39.6 ml	40.04 ml	40.48 ml	40.92 ml	41.36 ml	41.8 ml	42.24 ml
SMB	2.008 ml	2.035 ml	2.063 ml	2.09 ml	2.118 ml	2.145 ml	2.179 ml	2.2 ml	2.228 ml	2.255 ml	2.283 ml	2.31 ml	2.338 ml	2.365 ml	2.393 ml	2.42 ml	2.448 ml	2.475 ml	2.503 ml	2.53 ml	2.558 ml	2.585 ml	2.613 ml	2.64 ml
RNA Carrier (1 µg/µl)	80.3 µl	81.4 µl	82.5 µl	83.6 µl	84.7 µl	85.8 µl	86.9 µl	88 µl	89.1 µl	90.2 µl	91.3 µl	92.4 µl	93.5 µl	94.6 µl	95.7 µl	96.8 µl	97.9 µl	99 µl	100.1 µl	101.2 µl	102.3 µl	103.4 µl	104.5 µl	105.6 µl
Exogenous IPC*	401.5 µl	407 µl	412.5 µl	418 µl	423.5 µl	429 µl	434.5 µl	440 µl	445.5 µl	451 µl	456.5 µl	462 µl	467.5 µl	473 µl	478.5 µl	484 µl	489.5 µl	495 µl	500.5 µl	506 µl	511.5 µl	517 µl	522.5 µl	528 µl

IPC Volume recommended in Bio-T kits® (kits of detection by qPCR BioSellal). Refer to the extraction handbook of each Bio-T kit® or contact BioSellal Technical Service (tech@biosellal.com).