

SoliSD™ Lyo-compatible Bsm DNA polymerase Kit

Recommended lyophilization protocol (for 25 µl reaction volume)

Step	Shelf T, °C	Time, min	Pressure, µbar	Description
FREEZING STAGE				
1	+5 °C	30 min	Atmospheric	Hold
2	-45 °C	100 min	Atmospheric	Ramp (0.5 °C/min)
3	-45 °C	180 min	Atmospheric	Hold
PRIMARY DRYING STAGE				
4	-45 °C	60 min	80 µbar	Hold
5	-40 °C	10 min	80 µbar	Ramp (0.5 °C/min)
6	-40 °C	3240 min	80 µbar	Hold
SECONDARY DRYING STAGE				
7	+20 °C	120 min	80 µbar	Ramp (0.5 °C/min)
8	+20 °C	360 min	80 µbar	Hold
STOPPERING STAGE				
9	+5 °C	n/a	Atmospheric	Backfill with N ₂
10	+5 °C	n/a	Atmospheric	Open the door and stopper
11	+5 °C	n/a	Atmospheric	Stop N ₂ flow

Safety precautions:

Please refer to Safety Data Sheet for more information.

Technical support:

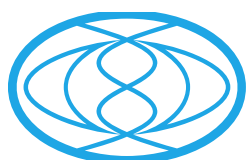
Contact your sales representative for any questions or send an email to support@solisbiodyne.com

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