

Product Name:	Bionano Prep Sp-G2 Blood & Cell Culture DNA Isolation Kit	CoA Number: CoA-00044
Part Number:	80060	Lot Number: 230418020
Date of Manufacture (DOM):	2023-05-22	Expiration Date: 2024-03-13

Kit Components

Component Part Number	Component Name	Component Lot Numbers	Quantity
20442	RBC Lysis Buffer, 18 mL	230406006	1 ea
20374	Cell Buffer, 50 mL	230321034	1 ea
20443	Digestion Enhancer, 4 mL	230315016	1 ea
20444	Lysis and Binding Buffer (LBB), 1.2 mL	230405014	1 ea
20445	Wash Buffer 1 (WB1), 4.5 mL	230404033	1 ea
20446	Wash Buffer 2 (WB2), 6.0 mL	230406005	1 ea
20378	Elution Buffer (EB), 1.1 mL	230404020	1 ea
20447	DE Detergent, 55 µL	230519009	1 ea
20448	4mm Nanobind Disks, 12 ea.	230404034	1 ea
20449	Protein LoBind Microcentrifuge Tubes, 1.5 mL, 12 ea.	230313018	2 ea
20450	Protein LoBind Microcentrifuge Tubes, 0.5 mL, 12ea.	230313019	1 ea
20451	SP Sheaths, 12 ea.	230420012	1 ea
20452	Microcentrifuge Tubes, 2 mL, 12 ea.	230314020	1 ea
20423	DNA Stabilizer, 350µL	230314021	1 ea
20455	RNase A, 150 µL	230314022	1 ea
20355	Ultrapure Water, 900 µL	221220023	2 ea
20441	Thermolabile Proteinase K, 150 µL	230411020	1 ea

QC Testing

Tests	Characteristic	Results
Functional Test	DNA recovered ≥ 39 ng/µL	☒ Pass ☐ Fail
	N50 (> 20 kbp) ≥ 150 kbp	☒ Pass ☐ Fail
	Map Rate $\geq 70\%$	☒ Pass ☐ Fail
	Label Density = 14 – 17 labels/100 kbp	☒ Pass ☐ Fail
	NLV $\leq 15\%$	☒ Pass ☐ Fail
	PLV $\leq 10\%$	☒ Pass ☐ Fail



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Bionano Genomics hereby certifies that the quality of this product conforms with internal specifications and meets required quality standards. This is to certify that the information listed above is a true and accurate copy of the data obtained for this material. This product is intended for research use only and not for use in diagnostic procedures.

Bionano Genomics Quality Assurance

Review and Approved By:

Signature

6-5-23

Date