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Product Name:	Bionano Prep DLS-G2 Labeling Kit (12 Reactions)	CoA Number: COA-00050
Part Number:	80046	Lot Number: 230609-0002360
Date of Manufacture (DOM):	2023-06-07	Expiration Date: 2024-05-16

#### Kit Components

Component Part Number	Component Name	Component Lot Numbers	Quantity
20356	DNA Stain, 65µL	230606-0002402	1 ea
20428	5x DLE-1 Buffer, 175uL	230602-0002315	1 ea
20429	20x DL-Green, 22uL	230607-0002317	1 ea
20430	10x DLE-1, 44uL	230606-0002316	1 ea
20431	4x Flow Buffer, 225uL	230602-0002312	1 ea
20432	1M DTT, 90uL	230602-0002314	1 ea
20434	Proteinase K, 60µL	230602-0002313	1 ea

#### QC Testing

Tests	Characteristic	Results
Functional Test	Map Rate $\geq 70\%$	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
	Label Density = 14 – 17 labels/100 kbp	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
	NLV $\leq 15\%$	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
	PLV $\leq 10\%$	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

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

Date

6-16-23