ssDNA 7K Assay Reagent Kit

Product Number: CLS158169

Lot Number: BM05RK01

Expiration Date: 28NOV2024

PARAMETER	SAMPLE	SPECIFICATION	RESULT
Lower marker migration time	ssDNA 7K ladder sample	Mean is within [31, 37] seconds	Pass
7200nt ladder migration time	ssDNA 7K ladder sample	Mean is within [73, 92] seconds	Pass
Peak quality of 1.1-4kb	ssDNA 7K ladder sample	Mean of FWHM (sec) within 1.50 sec	Pass
LM peak height	ssDNA 7K ladder sample	Mean of LM peak height >= 15 RFU	Pass
Detection sensitivity of 1.1kb ladder	ssDNA 7K ladder sample	Mean of 1.1kb peak height is >= 5 RFU for all ladder samples with 1:40 dilution in nuclease-free water	Pass
Ladder quality	ssDNA 7K ladder	All 6 peaks detected	Pass
Ladder purity	ssDNA 7K ladder sample	No extra peak (with peak height repeatedly more than 5 RFU), and only six visible peaks	Pass

Reagent	Vial	Quantity
ssDNA 7K Ladder	Yellow	1 vial, 0.04 mL
ssDNA Chip Storage Buffer	White	5 vials, 1.8mL
ssDNA Gel Matrix	Red	5 vials, 1.1mL
ssDNA Marker	Green	1 vial, 0.8 mL
10X Sample Buffer	Purple	3 vials, 2.0mL
ssDNA Dye Concentrate	Blue	1 vial, 0.5 mL
Consumable Items	PN 701672	1

Additional ssDNA 7K Ladder can be ordered separately using Part Number CLS157950.

CLS158169-R Rev01