

Loading Quick[®]

λ /HindIII-

ΦX174/HaeIII

Code No. DNA-117
Lot No. *****
Storage Store at -20°C
Size 20 μg

Certificate of Analysis

Product : "Loading Quick" DNA Size Marker
λ DNA / HindIII digest - ΦX174 / HaeIII digest
A HindIII digest of λ cI 857 Sam 7 DNA was mixed with a HaeIII digest of ΦX174 am 3 cs70 RFI DNA and dissolved in 10mM Tris-HCl, 15mM NaCl, 8mM EDTA, 0.0125% Brom Phenol Blue and 3.75% Ficol.

Concentration : 0.04 μg/μl

Volume : 0.5 ml/tube (20μg/tube)

Fragment sizes :

fragment No.	Number of Base Pairs(bps)	Molecular weight (× 10 ⁵ daltons)			
1	23,130	152.66	11	564	3.72
2	9,416	62.15	12	310	2.05
3	6,557	43.28	13	281	1.85
4	4,361	28.78	14	271	1.79
5	2,322	15.33	15	234	1.54
6	2,027	13.38	16	194	1.28
7	1,353	8.93	17	125	0.83
8	1,078	7.11	18	118	0.78
9	872	5.76	19	72	0.48
10	603	3.98			

Handling recommendations : 1. Centrifuge tube before opening to improve recovery of content.
2. Heat at 60°C~65°C for a short time before applying sample to gel.
This breaks up aggregates resulting from the λ cohesive ends.

※ 使用上のご注意

本製品は、保存中にCOS末端での結合が起こり、特定のバンドが薄くなることがあります。
この様な場合は、本製品をそのまま直接加熱処理(65°C, 5分)をした後、ご使用下さい。