

GB-Ruler™ 1kb DNA Ladder Plus



Concentration: 144 ng/μl

Description

1 kb ladder plus is ideal for determining the size of double-stranded DNA from 100 to 10,000 base pairs. The ladder consists of 15 linear double-stranded fragments. The **500bp** and **3,000bp** fragment are present at increased intensity to allow easy identification. All fragments are precisely quantified and mixed during the production. For 5 ul loading, all fragments except 500bp and 3,000bp are 40ng. The 500bp and 3,000bp fragment are 100ng. This ladder is pre-mixed with loading dye and is ready to use.

Recommended Loading

2-5 μl/Lane

<p>1kb ladder plus M1191/M1192</p> <table border="1"><thead><tr><th>bp</th><th>ng/5μl</th></tr></thead><tbody><tr><td>10000</td><td>40</td></tr><tr><td>8000</td><td>40</td></tr><tr><td>6000</td><td>40</td></tr><tr><td>5000</td><td>40</td></tr><tr><td>4000</td><td>40</td></tr><tr><td>3000</td><td>100</td></tr><tr><td>2000</td><td>40</td></tr><tr><td>1500</td><td>40</td></tr><tr><td>1000</td><td>40</td></tr><tr><td>700</td><td>40</td></tr><tr><td>500</td><td>100</td></tr><tr><td>400</td><td>40</td></tr><tr><td>300</td><td>40</td></tr><tr><td>200</td><td>40</td></tr><tr><td>100</td><td>40</td></tr></tbody></table> <p>1% agarose 5 μl/lane, 8 cm gel 1xTAE, 7 V/cm, 45 min</p>	bp	ng/5μl	10000	40	8000	40	6000	40	5000	40	4000	40	3000	100	2000	40	1500	40	1000	40	700	40	500	100	400	40	300	40	200	40	100	40	<p>Concentration</p> <p>500 and 3000 bp Bands: 100 ng/5μl Other Bands: 40 ng/5μl</p> <p>Recommended Electrophoresis Condition</p> <p>8 cm 1% Agarose Gel, 1xTAE, 7 V/cm, 45min.</p> <p>Contents (bp)</p> <p>100, 200, 300, 400, 500, 700, 1,000, 1,500, 2,000, 3,000, 4,000, 5,000, 6,000, 8,000, 10,000.</p> <p>Storage</p> <p>Stable for 3 months at RT, for long-time storage, please store at -20°C.</p>
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