



Table 1: Amount of DNA (ng) per band

The table below shows the amount of each DNA fragment in a given volume of ladder.

Note: The volumes in the table are for ladder only, not ladder plus dye; for example, if you loaded 4 μl of ladder with 1 μl of dye, use the values in the 4 μl column.

<u>Fragment size</u>	<u>Volume of Low DNA Mass Ladder</u>		
	<u>2 μl</u>	<u>4 μl</u>	<u>8 μl</u>
2000 bp	100 ng	200 ng	400 ng
1200 bp	60 ng	120 ng	240 ng
800 bp	40 ng	80 ng	160 ng
400 bp	20 ng	40 ng	80 ng
200 bp	10 ng	20 ng	40 ng
100 bp	5 ng	10 ng	20 ng

Figure: 2.0% agarose gel loaded with 4 μl of Low DNA Mass Ladder stained with ethidium bromide.