

**Moles/weight conversion**

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Molecular mass (daltons)	1 $\mu\text{g}$	1 nmole
100	10 nmoles or $6 \times 10^{15}$ molecules	0.1 $\mu\text{g}$
1,000	1 nmole or $6 \times 10^{14}$ molecules	1 $\mu\text{g}$
10,000	100 pmoles or $6 \times 10^{13}$ molecules	10 $\mu\text{g}$
20,000	50 pmoles or $3 \times 10^{13}$ molecules	20 $\mu\text{g}$
30,000	33 pmoles or $2 \times 10^{13}$ molecules	30 $\mu\text{g}$
40,000	25 pmoles or $1.5 \times 10^{13}$ molecules	40 $\mu\text{g}$
50,000	20 pmoles or $1.2 \times 10^{13}$ molecules	50 $\mu\text{g}$
60,000	17 pmoles or $1.0 \times 10^{13}$ molecules	60 $\mu\text{g}$
70,000	14 pmoles or $8.4 \times 10^{12}$ molecules	70 $\mu\text{g}$
80,000	12 pmoles or $7.2 \times 10^{12}$ molecules	80 $\mu\text{g}$
90,000	11 pmoles or $6.6 \times 10^{12}$ molecules	90 $\mu\text{g}$
100,000	10 pmoles or $6 \times 10^{12}$ molecules	100 $\mu\text{g}$
120,000	8.3 pmoles or $5 \times 10^{12}$ molecules	120 $\mu\text{g}$
140,000	7.1 pmoles or $4.3 \times 10^{12}$ molecules	140 $\mu\text{g}$
160,000	6.3 pmoles or $3.8 \times 10^{12}$ molecules	160 $\mu\text{g}$
180,000	5.6 pmoles or $3.3 \times 10^{12}$ molecules	180 $\mu\text{g}$
200,000	5 pmoles or $3 \times 10^{12}$ molecules	200 $\mu\text{g}$

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