

# NUCLIEC ACID QUANTIFICATION

Application	Platform	Assay	Sample Requirements	Sample Minimum
Fluorescence-based RNA quantification	Qubit/QUANT-iT	High Sensitivity	Concentration range: 250 pg/ $\mu$ l – 100 ng/ $\mu$ l	1
		Broad Range	Concentration range: 1 ng/ $\mu$ l – 1 $\mu$ g/ $\mu$ l	1
Fluorescence-based dsDNA quantification	Qubit/QUANT-iT	High Sensitivity	Concentration range: 10 pg/ $\mu$ l – 100 ng/ $\mu$ l	1
		Broad Range	Concentration range: 100 pg/ $\mu$ l – 1 $\mu$ g/ $\mu$ l	1

# NUCLIEC ACID ISOLATION

Application*	Sample Type	Sample Requirements	Sample Minimum
Total RNA#	Cells	1000 - $1 \times 10^7$ cells	8
DNA	Cells	1000 - $1 \times 10^7$ cells	8
<p>* Includes isolation, fluorescence-based quantification, and integrity analysis. # Includes genomic DNA removal.</p>			