

# resDNASEQ Host Cell Residual DNA Quantitation System

Leading the way in rapid quantitation of host cell DNA

## First integrated real-time qPCR system for rapid quantitation of residual host cell DNA

The hallmark of a great system is not that it makes one aspect better, but that it makes everything better—in this case, highly efficient process characterization. The Applied Biosystems™ resDNASEQ™ Host Cell Residual DNA Quantitation System enables greatly reduced retesting, lower sample cost compared to outsourcing, and reduced unit operation costs. In sum, you can enjoy greater productivity and utilization of your valuable time, effort, and resources.

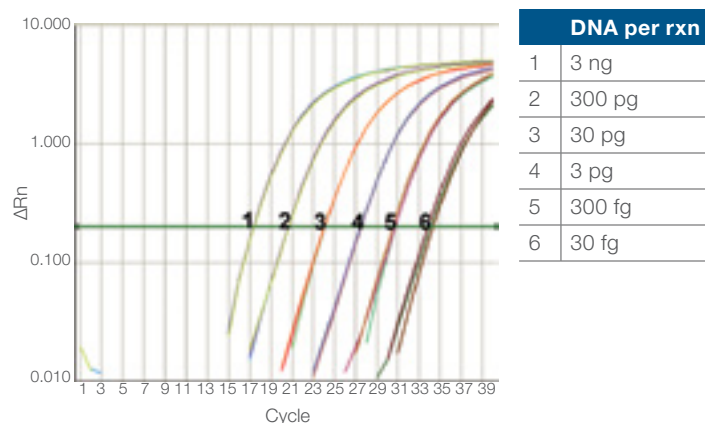
- **Cost-efficient test**—based on superior accuracy and low cost per test
- **High sensitivity and specificity**—targets host cell DNA with no cross-reactivity to unrelated DNA
- **Assays for commonly used cell lines**—CHO, Human, *E. coli*, NS0, MDCK, Pichia, and Vero
- **High-throughput automated sample preparation**—enables vigorous process characterization

## Quantitative recovery from complex matrices.

Sample matrix	Spike amount	Mean recovery	Mean CV
Typical in-process purification sample	1 pg	86%	5%
Typical antibody drug substance	1 pg	76%	8%



## Broad linear range and high sensitivity



## Ordering information

Product	Quantity	Cat. No.
<b>Kits</b>		
resDNASEQ Human Residual DNA Quantitation Kit	100 rxns	A26366
resDNASEQ Human Residual DNA Quantitation Kit with PrepSEQ Residual DNA Sample Preparation Kit	100 rxns	A27335
resDNASEQ Quantitative <i>E. coli</i> DNA Kit	100 rxns	4458435
resDNASEQ Quantitative <i>E. coli</i> DNA Kit with PrepSEQ Residual DNA Sample Preparation Kit	100 rxns	4460366
resDNASEQ Quantitative <i>Pichia pastoris</i> DNA Kit	100 rxns	4464336
resDNASEQ Quantitative <i>Pichia pastoris</i> DNA Kit and PrepSEQ Residual DNA Sample Preparation Kit	100 rxns	4464340
resDNASEQ Quantitative CHO DNA Kit	100 rxns	4402085
resDNASEQ Quantitative CHO DNA Kit with PrepSEQ Residual DNA Sample Preparation Kit	100 rxns	4413713
resDNASEQ Quantitative MDCK DNA Kit	100 rxns	4464335
resDNASEQ Quantitative MDCK DNA Kit with PrepSEQ Residual DNA Sample Preparation Kit	100 rxns	4464339
resDNASEQ Quantitative NS0 DNA Kit	100 rxns	4458441
resDNASEQ Quantitative NS0 DNA Kit with PrepSEQ Residual DNA Sample Preparation Kit	100 rxns	4460364
resDNASEQ Quantitative Vero DNA Kit	100 rxns	4458444
resDNASEQ Quantitative Vero DNA Kit with PrepSEQ Residual DNA Sample Preparation Kit	100 rxns	4460367
<b>Sample preparation and automation</b>		
PrepSEQ Residual DNA Sample Preparation Kit	100 rxns	4413686
Pharma KingFisher Flex 96 Deep-Well Magnetic Particle Processor	1 instrument	A31508
<b>System</b>		
7500 Fast Real-Time PCR System	1 instrument	4365464
<b>Software</b>		
AccuSEQ Real-Time PCR Software	1 license	4443420
<b>Service</b>		
7500 Fast IQ/OQ Service		4365572

Find out more at [thermofisher.com/resdnaseq](https://thermofisher.com/resdnaseq)