

resDNASEQ Host Cell Residual DNA Quantitation System

Leading the way in rapid quantitation of host cell DNA

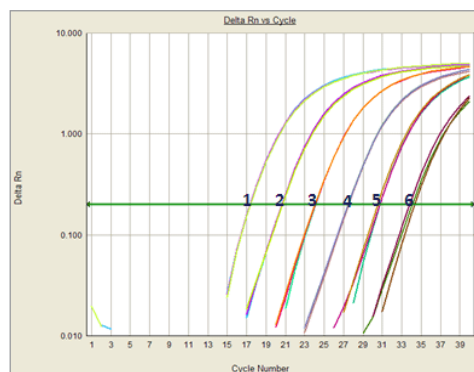
First integrated real-time qPCR system for rapid quantitation of residual host cell DNA.

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. Higher ROI due to greatly reduced retesting. Lower sample cost compared to outsourcing. Plus, reduced unit operation costs. In sum, you'll enjoy far 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** to the target host cell DNA
- **Assays for commonly used cell lines:** Chinese hamster ovary (CHO), *E. coli*, NS0, and Vero
- **High throughput automated sample preparation** enables vigorous process characterization

To learn more, go to thermofisher.com/resdnaseq

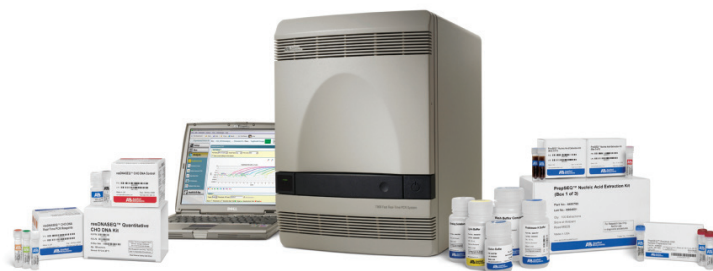
Broad linear range and high sensitivity.



DNA per rxn	
1	3 ng
2	300 pg
3	30 pg
4	3 pg
5	300 fg
6	30 fg

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%



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Ordering information

Description		Part Number
Kits		
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 E. coli DNA Kit	100 rxns	4458435
resDNASEQ™ Quantitative E. coli DNA Kit with PrepSEQ™ Residual DNA Sample Preparation Kit	100 rxns	4399363
resDNASEQ™ Quantitative E. coli DNA Kit and PrepSEQ™ Residual DNA Sample Preparation Kit	100 rxns	4460366
resDNASEQ™ Quantitative Pichia pastoris DNA Kit	100 rxns	4464336
resDNASEQ™ Quantitative Pichia pastoris 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
Sample Preparation and Automation		
PrepSEQ™ Residual DNA Sample Preparation Kit	100 rxns	4413686
PrepSEQ Express™ Nucleic Acid Extraction Kit		44466351
Automate™ Express™ Nucleic Acid Extraction System		4467754
Pharma KingFisher™ Flex 96 Deep-Well Magnetic Particle Processor		A31508
System		
Applied Biosystems™ 7500 Fast Real-Time PCR Software, with Notebook Computer	1 Instrument	4365464
Software		
AccuSEQ™ Real-Time PCR Software	1 License	4443421
Service		
7500 Service Fast IQ/OQ Service		4365572