

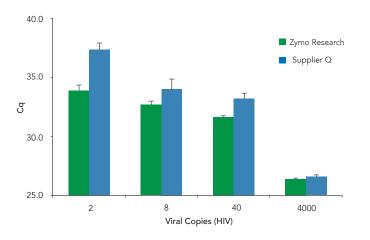


## Reliable Detection of Pathogen DNA/RNA

Quick-DNA/RNA<sup>™</sup> Viral Kits (plasma/serum, biological fluids, swabs, feces) Quick-DNA/RNA<sup>™</sup> Pathogen Kits (cells & tissue, vectors)

High Sensitivity Viral Detection from Plasma

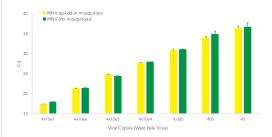
- **Streamlined Workflow:** Sample inactivation and easy one-step lysis enables fast processing.
- **High Sensitivity:** Optimized for low viral copy detection for Next-Gen Sequencing and RT-qPCR.



The Quick-RNA<sup>™</sup> Viral Kits ensure high sensitivity viral detection compared to the Supplier Q kit. Viral RNA was isolated from plasma samples. Data shows the mean (+/- SD) of triplicate RT-qPCR measurements.

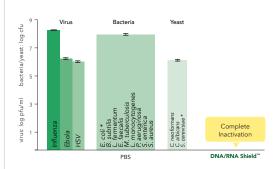
Product	Cat. No.	Size (Format)
<i>Quick</i> -RNA <sup>™</sup> Viral Kit (for viral RNA from plasma/serum, swab, feces)	R1034 R1035 R1040 R1041	50 preps (column) 200 preps (column) 2 x 96 preps (plate) 4 x 96 preps (plate)
Quick-DNA/RNA <sup>™</sup> Viral Kit (for viral DNA/RNA from plasma/serum, swab, feces)	D7020 D7021 D7022 D7023 R2140 R2141	25 preps (column) 100 preps (column) 2 x 96 preps (plate) 4 x 96 preps (plate) 96 preps (MagBead) 4 x 96 preps (MagBead)
Quick-DNA/RNA™ Pathogen Miniprep Kit (for pathogen DNA/RNA from vectors and tissues)	R1042 R1043 R2145 R2146	50 preps (column) 200 preps (column) 96 preps (MagBead) 4 x 96 preps (MagBead)

Inhibitor-free Detection in Mosquitoes



Hard-to-lyse and inhibitor-rich mosquito vectors were homogenized using ZR BashingBeads<sup>™</sup> and purified using *Quick*-DNA/RNA<sup>™</sup> Pathogen. Ultra-pure, inhibitor-free West Nile Virus nucleic acids (spike-in) were detected by RT-qPCR down to 40 viral copies.





Viruses, bacteria, and yeast are effectively inactivated by DNA/RNA Shield<sup>™</sup> (included in workflow) compared to mock (PBS) treatment for 5 minutes. Titer was subsequently determined by plaque assay (PFU) or growth assay (CFU).

