

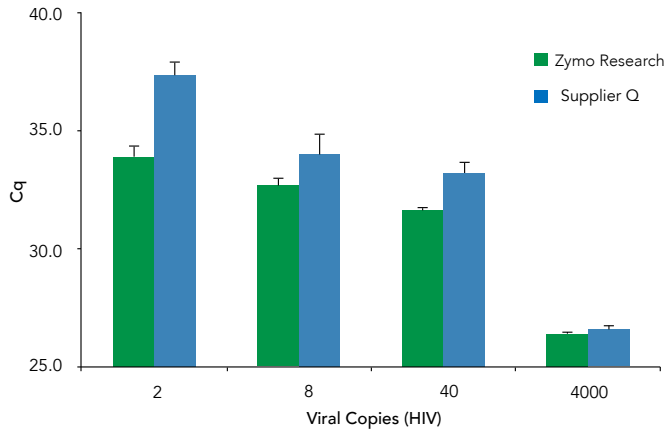
# Reliable Detection of Pathogen DNA/RNA

Quick-DNA/RNA™ Viral Kits (plasma/serum, biological fluids, swabs, feces)

Quick-DNA/RNA™ Pathogen Kits (cells & tissue, vectors)

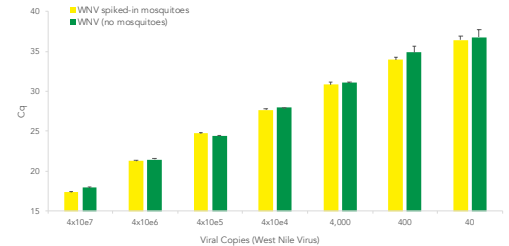
- **Streamlined Workflow:** Sample inactivation and easy one-step lysis enables fast processing.
- **High Sensitivity:** Optimized for low viral copy detection for Next-Gen Sequencing and RT-qPCR.

## High Sensitivity Viral Detection from Plasma



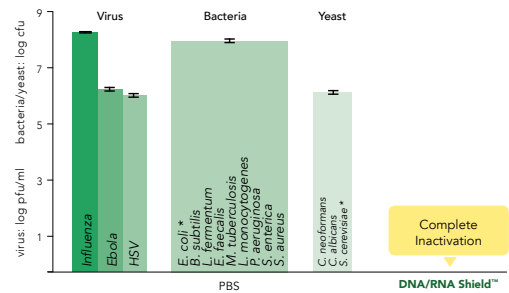
The Quick-RNA™ Viral Kits ensure high sensitivity viral detection compared to the Supplier Q kit. Viral RNA was isolated from plasma samples. Data shows the mean (+/- SD) of triplicate RT-qPCR measurements.

## Inhibitor-free Detection in Mosquitoes



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

## Viral Inactivation



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

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



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