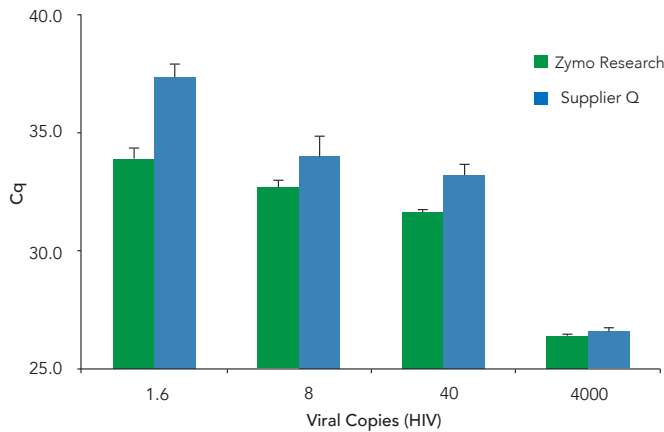


Enhance your Pathogen Detection Limit

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



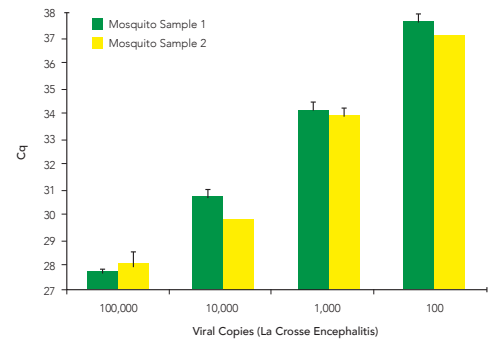
The Quick-RNA™ Viral Kits ensure high sensitivity viral detection compared to the Supplier Q kit. Viral RNA was isolated from plasma samples. Data shows the mean (+/- SD) of triplicate RT-qPCR measurements.

Use with the DNA/RNA Shield™ Collection Devices:

- Swab and Collection Tube (R1106, R1107)
- Lysis Tube w/ Swab (Microbe) (R1104)
- Lysis Tube (Tissue) (R1105)
- Fecal Collection Tube (R1101)

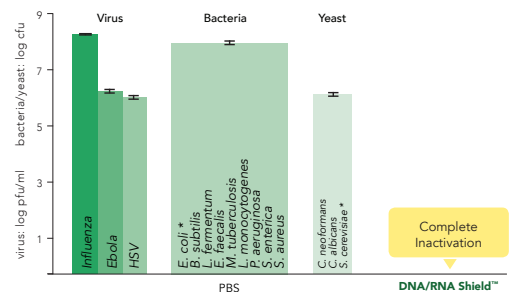
Product	Cat. No.	Size
Quick-RNA™ Viral Kit (for viral RNA from plasma/serum, swab, feces)	R1034	50 preps
Quick-DNA/RNA™ Viral Kit (for viral DNA/RNA from plasma/serum, swab, feces)	D7020	50 preps
Quick-DNA/RNA™ Pathogen Miniprep Kit (for pathogen DNA/RNA from vectors and tissues)	R1042	50 preps

High Sensitivity Detection from Mosquitoes



Hard-to-lyse mosquito vectors were homogenized using ZR BashingBeads™ and purified using Quick-DNA/RNA™ Pathogen Miniprep kit. La Crosse Encephalitis RNA was detected by RT-qPCR down to 100 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).



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