



**Available and Compatible Controls for  
Quantifying SARS-CoV-2 in Wastewater  
with IDEXX Test Kits**

## Available and Compatible Controls for Quantifying SARS-CoV-2 in Wastewater with IDEXX Test Kits

Control	Purpose	Materials Provided	Materials Not Provided	Instructions for Use
PCR Positive Control	Demonstrate valid PCR reagent performance	Positive Control (PC) (included in 99-0015314)	–	<a href="#">Water SARS-CoV-2 RT-PCR Test product insert</a>
PCR Negative Control	Detect nucleic acid template contamination in reagents or materials	PCR Grade Water (included in 99-0015314)	–	<a href="#">Water SARS-CoV-2 RT-PCR Test product insert</a>
Extraction Positive Control	Demonstrate valid extraction reagent performance, i.e. recovery of RNA from an enveloped viral particle	–	Seracare AccuPlex™ SARS-CoV-2 Verification Panel (Material Number: 0505-0168)*	<a href="#">Water DNA/RNA Magnetic Bead Kit product insert</a>
Extraction Negative Control	Detect nucleic acid template contamination in extraction reagents or materials (discriminate from PCR reagents and materials)	–	PCR Grade Water	<a href="#">Water DNA/RNA Magnetic Bead Kit product insert</a>
Internal Control	<p style="text-align: center;"><u>For each sample tested:</u></p> <ol style="list-style-type: none"> <li>1. Demonstrate valid extraction and PCR reactions</li> <li>2. Indicate potential for PCR inhibition</li> </ol>	Internal Control (IC) (included in 99-0015314)	–	<a href="#">IDEXX Water Internal Control product insert</a>
Quantitative Reference Material	Provide standard curve for quantification of SARS-CoV-2 RNA	–	ATCC Quantitative Synthetic SARS-CoV-2 RNA (Material Number: VR-3276SD)*	<a href="#">Water SARS-CoV-2 RT-PCR Test product insert</a>

\*Indicated third-party materials have been validated by IDEXX to produce reliable and consistent results.

Additional materials not listed in the table above may be compatible with the IDEXX Water SARS-CoV-2 Test and Water DNA/RNA Magnetic Bead Kit. Contact IDEXX Technical Support for details.

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