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# Overcoming sample inhibition and other challenges with digital PCR

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**Wednesday June 21<sup>st</sup>, 2023**

Working with environment samples can often pose unique challenges to molecular techniques making it difficult to accurately quantify nucleic acid targets. These challenges can take the form of PCR inhibitors carrying over from the extraction process, resulting in failed or inaccurate production of standard curves, causing under or over estimation of genetic targets. These challenges can be overcome through the inherent tolerance to PCR inhibitors of digital PCR, as well, since digital PCR allows true absolute quantification, the need to derive standard curves no longer exists. Additionally, with the added abilities of the QuantStudio Absolute Q dPCR system to have the lowest dPCR dead-volume, 4-target multiplexing, and fast plate set up, this ensures the most accurate quantitation of up to four genetic targets per sample, maximizing data output.

The duration of this workshop will be 45 min.

**Note that this is a special workshop happening on June 21st.**

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