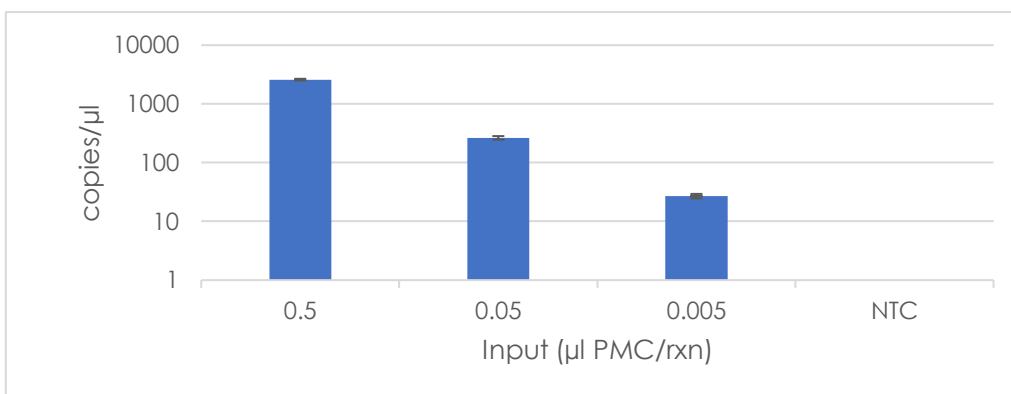


# Validation Data Sheet

<b>Microbial DNA dPCR Assay</b>	<b><i>stx2A</i></b>
Assay Catalog No.	DMA00678-T
Description	Virulence gene detection assay targeting the bacterial shiga toxin Stx2c subunit A gene
dPCR Master Mix	QIAcuity Probe PCR Master Mix
Experimental Sample(s)	Microbial DNA Positive Control (PMC)

**Microbial DNA Detection Analysis:** Concentration values [copies/ $\mu$ l] for different experimental sample input amounts (0.5  $\mu$ l, 0.05  $\mu$ l, 0.005  $\mu$ l and 0  $\mu$ l). Bars represent mean values of technical triplicates. Error bars depict the standard deviation.



**1D Scatter Plot:** Single-well data with autothresholding (representative well of technical triplicates) for the different experimental sample input amounts in the 4 wells (0.5  $\mu$ l, 0.05  $\mu$ l, 0.005  $\mu$ l and 0  $\mu$ l). Orange channel for TAMRA detection.

