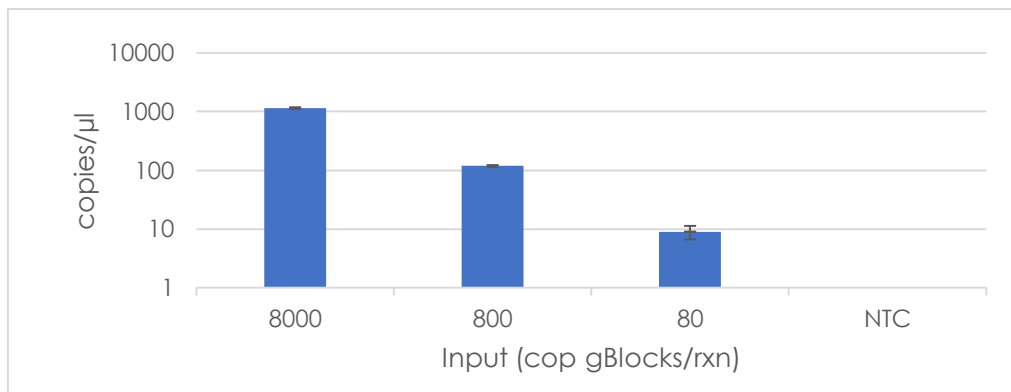


# Validation Data Sheet

<b>Microbial DNA dPCR Assay</b>	<b><i>Escherichia coli (stx1)</i></b>
Assay Catalog No.	DMA00696-F
Description	Bacterial detection assay targeting the shiga toxin 1 subunit A (stx1A) gene
dPCR Master Mix	QIAcuity Probe PCR Master Mix
Experimental Sample(s)	Synthetic DNA (gBlocks)

**Microbial DNA Detection Analysis:** Concentration values [copies/ $\mu$ l] for different experimental sample input amounts (8000 cop, 800 cop, 80 cop and 0 cop). 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 (8000 cop, 800 cop, 80 cop and 0 cop). Green channel for FAM detection.

