

Materials List for:

Simple Bulk Readout of Digital Nucleic Acid Quantification Assays

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URL: <https://www.jove.com/video/52925>

DOI: [doi:10.3791/52925](https://doi.org/10.3791/52925)

Materials

Name	Company	Catalog Number	Comments
Evagreen Dye	Biotium	31000	
Bovine serum albumin	New England Biotechnologies	B9000S	
Phi29 DNA Polymerase Reaction Buffer	New England Biotechnologies	B0269S	Vortex periodically until aggregate dissolves
Lambda DNA	New England Biotechnologies	N3011S	Heated to 50 °C and quenched on ice prior to dilution
Randomized MDA oligos	Integrated DNA Technologies		5'-NNNNN*N-3'
PCR primers	Integrated DNA Technologies		5'-CGGCAAACGGGAATGAAACGCC-3' and 5'-TGCGGCAAAGACAGCAACGG-3'
UltraPure Nuclease-free water	Life Technologies	10977-015	UV-treated for 30 min in Stratalinker 2400 before use (optional)
ROX reference dye	Life Technologies	12223-012	
PCR optical strip caps	Life Technologies	4323032	
PCR tubes	Agilent Technologies	401428	
dNTP (25 micromolar each)	Agilent Technologies	200415	
Thermocycler - Mx3000P qPCR system	Agilent Technologies	401403	
Barrier pipette tips	VWR	89003-046	
Bio-rad oil for evagreen	Bio-rad	186-4005	
JumpStart Taq ReadyMix	Sigma-Aldrich	P2893-100RXN	