

Validation Data Sheet

dPCR Mutation Detection Assay	JAK2 c.1849G>T
Assay Catalog No.	DMH0000021
dPCR Instrument	QIAcuity digital PCR instrument
dPCR Master Mix	QIAcuity Probe PCR Master Mix
Experimental Sample(s)	Artificial templates (gBlocks)

Mutation Frequency Analysis: Detection of mutation target (FAM channel) and wild-type reference target (HEX channel). Mutant DNA template was spiked into wild-type DNA background samples (~48,000 copies) for various mutation frequencies (A1-A2: 1%, A3-B1: 0.5%, B2-B3: 0.1%, C1-C2: 0%).

