

# qPCR

Application	Sample Requirements	Platform	Reaction Size	Deliverables
Gene expression	<ul style="list-style-type: none"><li>• 2.5 pg – 250 ng cDNA</li><li>• 10 µl cDNA/sample/replicate</li><li>• Fluidigm DELTAgene™ Assay Plate</li><li>- <b>OR</b> - 10 µL of 100 µM each mixed forward + reverse primers*</li></ul>	Fluidigm BioMark HD	48 (targets) x 48 (samples)	<ul style="list-style-type: none"><li>• Ct values in table format</li><li>• Heat map</li></ul>
			96 (targets) x 96 (samples)	
* If not using DELTAgene™ Assays, contact <a href="mailto:genomimcs@cshs.org">genomimcs@cshs.org</a> for information on primer design specific for the BioMark assay.				