

How does qPCR compare to PlexSet™ Reagent Technology?

EXPERIMENT:

Measure 48 different genes on 96 different samples

Any PCR

VS

PlexSet



Your Usual Cost (\$X)



RNA Extraction



Not Needed!



Your Usual Cost (\$Y)



RT Reaction



Not Needed!



Your Usual Cost (\$Z)



DNA Cleanup & Concentration



Not Needed!



Triple Cost per Sample
(2-3 replicates)



Sample Cost for Replicates



Not Needed!



$\$X + \$Y + \$Z$



Price per Reaction/Sample



20% Less than qPCR¹



12 Hours

(48 plates x 15 minutes setup each)



Setup Time



30 Minutes

(1 plate, 1 setup)



36 Hours

(48 plates x 45 minutes² per run)



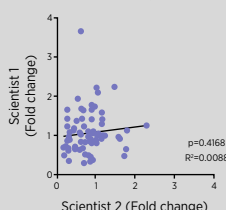
Run Time



18 Hours

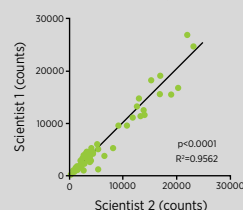
(one run only, overnight)

Experimental/Biological Replication²



Sample of
Data Output

Experimental/Biological Replication²



qPCR RESULTS:

$\$X + \$Y + \$Z$
52 Hours Total³
12 Hours Hands-On Time³
4 Hours of Data Analysis

PLEXSET RESULTS:

Low Cost
24 Hours Total
30 Minutes Hands-On Time
15 Minutes of Data Analysis

1. Poster presentation from Dartmouth Core lab at ABRF 2017 www.nanostring.com/Dartmouth-poster

2. Conference talk from Mitobridge at ASHG 2017 www.nanostring.com/Mitobridge-webinar

3. Calculated with the fastest qPCR instrument available as of 2017

LEARN MORE AT:
nanostring.com/PlexSet