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OpenGenomics



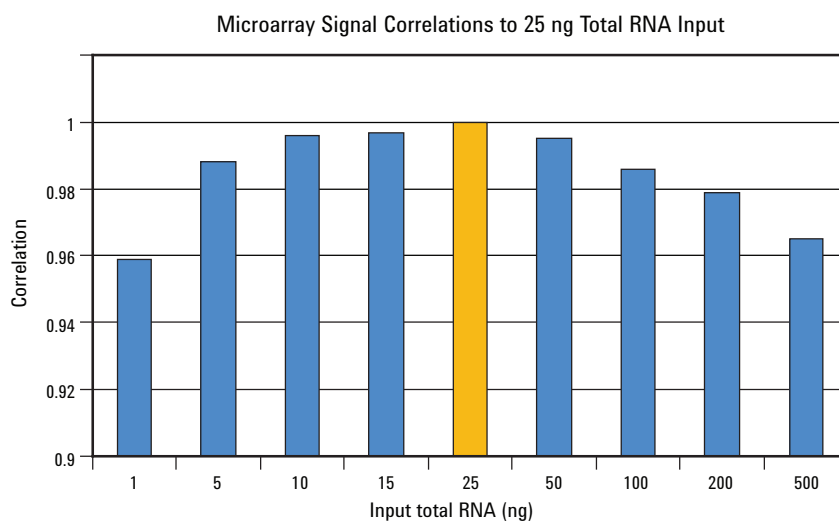
#### Low Input Quick Amp Advantages

- Conserve precious starting material with only 25 ng total RNA required
- Detect low expressors with ~ 5 logs dynamic range
- Feel confident in your results with high reproducibility and accuracy
- Use the same kit for any Agilent Eukaryote Gene Expression microarray

## Agilent's New Low Input Quick Amp Labeling Kit

### Reduce Cost per Sample!

Reduce your RNA input and cost while maintaining the high performance of your RNA labeling. With the Agilent Low Input Quick Amp Labeling Kit, you can use as little as 25 ng total RNA, and get results comparable to the standard Quick Amp Labeling Kit.



Samples were labeled using from 1 ng to 500 ng with the Low Input Quick Amp Kit. Resulting signals were highly correlative across the range of inputs, with  $r^2$  values from > 0.95 to 1.

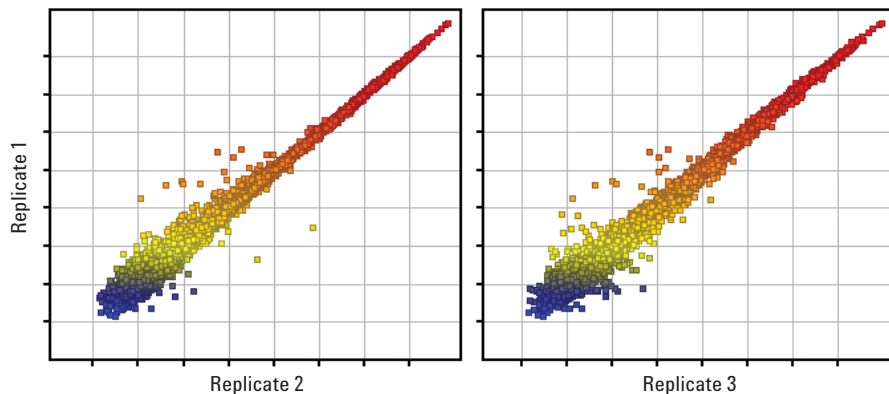
[www.opengonomics.com/low\\_input\\_quickamp](http://www.opengonomics.com/low_input_quickamp)



Agilent Technologies

## Highly Reproducible Across Full Dynamic Range

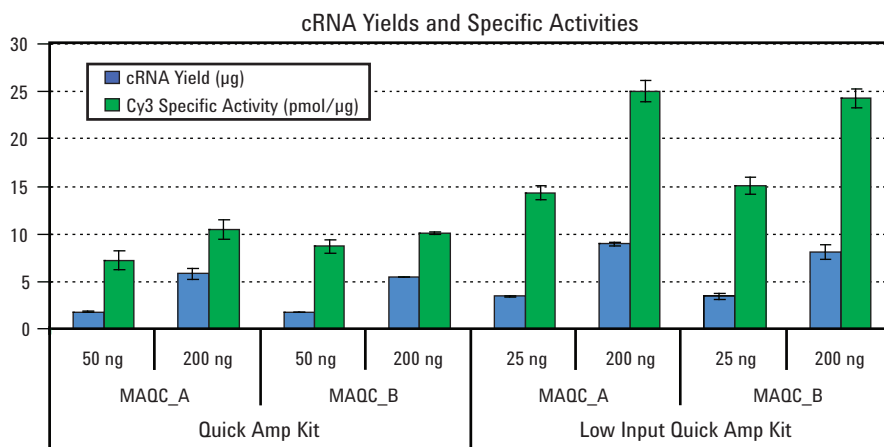
Identify low- and high- expressors at the same time, with the wide dynamic range specific to Agilent Gene Expression arrays, along with excellent reproducibility.



The same sample was independently labeled and hybridized to multiple arrays. Processed signal for the technical replicates are compared here in GeneSpring GX, showing high reproducibility across five orders of magnitude.

## Performance Comparable to the Quick Amp Labeling Kit

Achieve the same high-quality gene expression results you've come to expect from Agilent, starting with even less RNA.



Samples were labeled using the Low Input Quick Amp Labeling Kit and the original Quick Amp Labeling Kit. Yield and labeling efficiencies were higher for the Low Input Quick Amp Kit even when using less RNA (25 ng).

## Ordering Information

Part Number	Name
5190-2305	Low Input Quick Amp Labeling Kit, one-color
5190-2306	Low Input Quick Amp Labeling Kit, two-color
5190-2307	Low Input Quick Amp Labeling Kit, Cy5
5190-2308	Low Input Quick Amp Labeling Kit, no dye

This item is intended for Research Use Only. Not for use in diagnostic procedures.  
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© Agilent Technologies, Inc. 2009  
Published in USA, December 2, 2009  
5990-5031EN



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