



## Gene Expression Hybridization Kit (Large Volume)

## Hi-RPM Gene Expression Hybridization Kit (Large Volume)

## Oligo aCGH/ChIP-on-Chip Hybridization Kit (Large Volume)

### For use with:

Agilent Oligo Microarrays

*These products are for research use only.*

Please refer to Agilent Technologies' respective Oligonucleotide Microarray Hybridization Protocol for use and guidance. Copies are available in each Agilent Oligo Microarray kit as well as on the Agilent Web site at [www.agilent.com/chem/dnamanuals-protocols](http://www.agilent.com/chem/dnamanuals-protocols).

### Ordering Information:

A complete listing of sales offices is available on the Agilent Web site: [www.agilent.com/chem/contactus](http://www.agilent.com/chem/contactus), where you can also buy online or send Agilent an e-mail.

### Technical Support:

In the United States, call (800) 227-9770.

For international inquiries, your local Agilent Customer Service contact telephone number can be located by visiting the Agilent Web site: [www.agilent.com/chem/dnasupport](http://www.agilent.com/chem/dnasupport).

MSDS information and certificates of analysis are available on the Agilent Web site at: [www.agilent.com/chem/msds](http://www.agilent.com/chem/msds).

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***Be sure to follow the directions for the appropriate kit.***

### Gene Expression Hybridization Kit, Large Volume Agilent Product Number for Ordering: 5188-5280

Product is sufficient for approximately 100 slides.

Store at Room Temperature

**Warnings:** CONTAINS MATERIAL THAT CAUSES DAMAGE TO THE FOLLOWING ORGANS: SKIN AND THE CENTRAL NERVOUS SYSTEM. MAY BE HARMFUL IF SWALLOWED.

**Description:** The **Gene Expression Hybridization Kit, Large Volume** was developed to supply a complete, validated hybridization solution for use with the Agilent Gene Expression Microarray workflow. Fragmentation buffer is included for fragmenting cRNA to optimum sized targets for hybridization to microarrays. 10X Blocking Agent minimizes nonspecific binding.

Components	Amount	Part number
2X GE Hybridization buffer	25 mL	5185-5973
25X Fragmentation buffer	10 mL	5185-5974
10X GE Blocking Agent (4 vials)	Lyophilized pellet	5188-5281

**These components are available separately.**

**Preparation:** To prepare each vial of 10X GE Blocking Agent, add 1.25 mL of nuclease-free water to each vial containing the lyophilized pellet. Mix gently by vortexing. Heating the solution at 37 °C for 4–5 minutes may be needed to completely redissolve the lyophilized pellet. Remove material adhering to the tube or cap by centrifuging for 5–10 seconds. Store at –20 °C for up to 2 months. After thawing, repeat the vortexing and centrifugation procedures before use.

*Consult the Agilent Oligonucleotide Microarray Hybridization Protocol, available on the Microarray data disk or at [www.agilent.com/chem/dnamanuals-protocols](http://www.agilent.com/chem/dnamanuals-protocols), to ensure that all necessary reagents and materials are ready prior to running experiments.*



### Hi-RPM Gene Expression Hybridization Kit, Large Volume

**Agilent Product Number for Ordering: 5190-0404**

Product is sufficient for approximately 100 slides.

Store at room temperature upon receipt.

**Warnings:** CONTAINS MATERIAL THAT CAUSES DAMAGE TO THE FOLLOWING ORGANS: SKIN AND THE CENTRAL NERVOUS SYSTEM. MAY BE HARMFUL IF SWALLOWED.

**Description:** The Hi-RPM Gene Expression Hybridization Kit, Large Volume, was developed to supply a complete, validated hybridization solution for use with the Agilent Gene Expression Microarray workflow. Fragmentation buffer is included for fragmenting cRNA to optimum sized targets for hybridization to microarrays. 10X Gene Expression Blocking Agent minimizes nonspecific binding.

Components	Amount	Part number
2X Hi-RPM Hybridization Buffer, 25 mL	25 mL	5190-0403
25X Fragmentation Buffer	10 mL	5185-5974
10X GE Blocking Agent (4 vials)	Lyophilized pellet	5188-5281

These components are available separately.

**Preparation:** To prepare each vial of 10X GE Blocking Agent, add 1250  $\mu$ L of nuclease-free water to each vial containing the lyophilized pellet. Mix gently by vortexing. Heating the solution at 37 °C for 4 to 5 minutes may be needed to completely redissolve the lyophilized pellet. Remove material adhering to the tube or cap by centrifuging for 5 to 10 seconds. Store at –20 °C for up to 2 months. After thawing, repeat the vortexing and centrifugation procedures before use.

### Oligo aCGH/ChIP-on-Chip Hybridization Kit, Large Volume

**Agilent Product Number for Ordering: 5188-5380**

Product is sufficient for approximately 100 slides.

Store at room temperature upon receipt.

**Warnings:** CONTAINS MATERIAL THAT CAUSES DAMAGE TO THE FOLLOWING ORGANS: SKIN AND THE CENTRAL NERVOUS SYSTEM. MAY BE HARMFUL IF SWALLOWED.

**Description:** The Oligo aCGH/ChIP-on-Chip Hybridization Kit, Large Volume, was developed to supply a complete, validated hybridization solution for use with the Agilent Oligo aCGH and ChIP-on-Chip Microarray workflows. This kit utilizes the 2X Hi-RPM Hybridization Buffer, 25 mL, which is identical in formulation to the 2X Oligo aCGH/Chip-on-Chip Hybridization Buffer included in 5188-5220. The 10X Oligo aCGH/Chip-on-Chip Blocking Agent minimizes nonspecific binding.

Components	Amount	Part number
2X Hi-RPM Hybridization Buffer	25 mL	5190-0403
10X CGH/CoC Blocking Agent (4 vials)	Lyophilized pellet	N/A

**Preparation:** To prepare each vial of 10X CGH/CoC Blocking Agent, add 1350  $\mu$ L of nuclease-free water to each vial containing the lyophilized pellet. Mix gently by vortexing. Heating the solution at 37 °C for 4 to 5 minutes may be needed to completely redissolve the lyophilized pellet. Remove material adhering to the tube or cap by centrifuging for 5 to 10 seconds. Store at –20 °C for up to 2 months. After thawing, repeat the vortexing and centrifugation procedures before use.