

## QuantiGene® Plex 2.0 Reagent System

### QuantiGene Plex 2.0 Assay Kit (Magnetic Separation) Product Insert

**Cat. No. QP1012**

#### About QuantiGene Plex 2.0 Assay Kit (Magnetic Separation)

The QuantiGene Plex 2.0 Assay Kit (Magnetic Separation) contains the reagents required to perform a multiplex QuantiGene 2.0 assay using the QuantiGene Plex 2.0 Reagent System with a magnetic plate washer. This kit contains enough reagents to process 10 plates if you run 1-plate assays. If you run less than 1-plate per assay, reagent shortages may occur. Kit components have a shelf life of 6 months from date of delivery.

#### Safety Warnings and Precautions

All chemicals should be considered potentially hazardous. We recommend that this product and its components be handled by those trained in laboratory techniques and be used according to the principles of good laboratory practice.

#### Intended Use

Panomics' QuantiGene Plex 2.0 Assay Kit (Magnetic Separation) is designed for use with QuantiGene 2.0 Plex Sets and QuantiGene Sample Processing Kits (not required for purified RNA samples) for determination of multiple target gene expression directly from cultured cell or whole blood lysates, fresh, frozen, or FFPE tissue homogenates or purified RNA. For more information on this product, please refer to the *QuantiGene Plex 2.0 Assay Using a Magnetic Plate Washer User Manual*.

For research use only. Not for use in diagnosis of disease in human or animals.

#### Contents and Storage

Component	Description	Quantity	Storage
Proteinase K	Proteinase K in aqueous buffered solution	350 µL	-20 °C
Blocking Reagent	Aqueous buffered solution containing a preservative	2.8 mL	-20 °C
Label Probe	Biotinylated oligonucleotide in aqueous buffered solution	360 µL	-20 °C
2.0 Pre-Amplifier	DNA in aqueous buffered solution	360 µL	-20 °C
2.0 Amplifier	DNA in aqueous buffered solution	360 µL	-20 °C
Amplifier Diluent	Aqueous buffered solution containing protein and a preservative	240 mL	2-8 °C
Label Probe Diluent	Aqueous buffered solution containing protein and a preservative	120 mL	2-8 °C
SAPE	Streptavidin-conjugated R-Phycoerythrin	360 µL	2-8 °C
SAPE Diluent	Aqueous buffered solution containing protein and a preservative	120 mL	2-8 °C
Lysis Mixture	Aqueous buffered solution containing a preservative	120 mL	15-30 °C
2.0 Wash Buffer Component 1	Aqueous solution	8 mL	15-30 °C
2.0 Wash Buffer Component 2	Aqueous buffered solution	130 mL	15-30 °C
SAPE Wash Buffer	Aqueous buffered solution	2 x 700 mL	15-30 °C
Magnetic Separation Plate	96-well microplate	10 x 1 ea	15-30 °C
Plate Seals	Adhesive backed foil plate sealer	1 x 45 ea	15-30 °C
Hybridization Plate	96-well, clear polypropylene plate	10 x 1 ea	15-30 °C
Heat-Sealing Foil	Heat-sealing foil plate seals	1 x 12 ea	15-30 °C

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**Contacting  
Panomics**

For technical support, contact the appropriate resource provided below based on your geographical location. For an updated list of FAQs and product support literature, visit our website at [www.panomics.com](http://www.panomics.com).

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