

QuantiGene® Plex 2.0 Reagent System

QuantiGene Plex 2.0 Assay Kit Product Insert

About QuantiGene Plex 2.0 Assay Kit

The QuantiGene Plex 2.0 Assay Kit contains the reagents required to perform a multiplex QuantiGene 2.0 assay using the QuantiGene Plex 2.0 Reagent System. This kit contains enough reagents to process one 96-well plate if running a one-half or a one-plate assay. 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 is designed for use with QuantiGene Plex 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 Reagent System User Manual*.

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

Contents and Storage

Component	Description	Quantity Cat. No. QP1001	Quantity Cat. No. QP1002	Storage
Proteinase K	Proteinase K in aqueous buffered solution	36 µL	105 µL	-20 °C
Blocking Reagent	Aqueous buffered solution containing a preservative	270 µL	810 µL	-20 °C
Label Probe	Biotinylated oligonucleotide in aqueous buffered solution	36 µL	108 µL	-20 °C
2.0 Pre-Amplifier	DNA in aqueous buffered solution	36 µL	108 µL	-20 °C
2.0 Amplifier	DNA in aqueous buffered solution	36 µL	108 µL	-20 °C
Amplifier Diluent	Aqueous buffered solution containing protein and a preservative	24 mL	72 mL	2-8 °C
Label Probe Diluent	Aqueous buffered solution containing protein and a preservative	12 mL	36 mL	2-8 °C
SAPE	Streptavidin-conjugated R-Phycoerythrin	36 µL	108 µL	2-8 °C
SAPE Diluent	Aqueous buffered solution containing protein and a preservative	12 mL	36 mL	2-8 °C
Lysis Mixture	Aqueous buffered solution containing a preservative	12 mL	36 mL	15-30 °C
2.0 Wash Buffer Component 1	Aqueous solution	0.8 mL	2.4 mL	15-30 °C
2.0 Wash Buffer Component 2	Aqueous buffered solution	13 mL	39 mL	15-30 °C
SAPE Wash Buffer	Aqueous buffered solution	140 mL	420 mL	15-30 °C
Filter Plate	96-well filter plate	1 x 1 ea	3 x 1 ea	15-30 °C
Filter Plate Holder	96-well, clear bottom polystyrene microplate	1 x 1 ea	3 x 1 ea	15-30 °C
Plate Seals	Adhesive backed foil plate sealer	1 x 10 ea	1 x 30 ea	15-30 °C

Component	Description	Quantity Cat. No. QP1001	Quantity Cat. No. QP1002	Storage
Hybridization Plate Assembly, mat seals	96-well, clear polypropylene plate, sealing mat, and plate lid	1 x 1 ea	3 x 1 ea	15–30 °C
Clamps	Large binder clips for securing hybridization plate assembly	2 ea	2 ea	15–30 °C

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.

Location	Contact Information
North America	1.877.726.6642 option 3 techsupport@panomics.com
Europe	+39.02.95.360.250 techsupport_europe@panomics.com
Asia	+86.10.59208157 techsupport_asia@panomics.com

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Panomics, Inc., 6519 Dumbarton Circle, Fremont, CA 94555, Tel. (877) 726-6642