

QuantiGene Plex Assay Kit

Catalog Number QP1015

Doc. Part No. 16661 Pub. No. MAN0017270 Rev. D.0

 **WARNING!** Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves. Safety Data Sheets (SDSs) are available from thermofisher.com/support.

About QuantiGene Plex Assay Kits

The QuantiGene Plex Assay Kit contains the reagents required to perform a multiplex QuantiGene assay using the QuantiGene Plex Reagent System with a magnetic plate washer. This kit contains enough reagents to process ten 96-well plates if you run one-plate assays. If you run less than one-plate per assay, reagent shortages may occur.

Contents and storage

Each QuantiGene Plex Assay Kit contains the following components supplied in 3 parts, based on storage temperature. Refer to product label for expiration date.

Table 1 Contents of box 19237.

Component	Description	Quantity	Storage
Proteinase K ^[1]	Proteinase K in aqueous buffered solution	350 µL	-20°C
Blocking Reagent	Aqueous buffered solution containing a preservative	2.8 mL	

^[1] Store in an enzyme storage box such as the NEB Cool Box (New England Biolabs T0400S). NEVER store at -80°C.

Table 2 Contents of box 19456.

Component	Description	Quantity	Storage
Pre Amplifier Solution	DNA, protein, and preservative in an aqueous buffered solution	120 mL	2-8°C
Amplifier Solution	DNA, protein, and preservative in an aqueous buffered solution	120 mL	
Label Probe Solution	DNA, protein, and preservative in an aqueous buffered solution	120 mL	
SAPE	Streptavidin-conjugated R-Phycoerythrin	360 µL*	
SAPE Diluent	Aqueous buffered solution containing protein and a preservative	120 mL	

Table 3 Contents of box 16658.

Component	Description	Quantity	Storage
Lysis Mixture	Aqueous buffered solution containing a preservative	120 mL	15-30°C
Wash Buffer Component 1	Aqueous solution	8 mL	
Wash Buffer Component 2	Aqueous buffered solution	130 mL	
SAPE Wash Buffer	Aqueous buffered solution	2 x 700 mL	
Magnetic Separation Plate	96-well microplate	10 ea	
Plate Seals	Clear, adhesive plate seals for use with magnetic separation plates	45 ea	
Hybridization Plate	96-well, clear polypropylene plate	10 ea	
Pressure Seals	Clear, pressure-activated seal for use with hybridization plate	12 ea	

Safety warnings and precautions

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

Customer and technical support

Visit thermofisher.com/support for the latest service and support information.

- Worldwide contact telephone numbers

Product use

The QuantiGene Plex Assay Kits are designed for use with QuantiGene Plex Sets and QuantiGene Sample Processing Kits (not required for purified RNA samples) for determination of multiple target gene expression directly from a variety of sample types. For more information on this product, refer to the *QuantiGene Plex Assay using a Magnetic Plate Washer User Manual*.

- Product support information
 - Product FAQs
 - Software, patches, and updates
 - Training for many applications and instruments
 - Order and web support
 - Product documentation
 - User guides, manuals, and protocols
 - Certificates of Analysis
 - Safety Data Sheets (SDSs; also known as MSDSs)
- Note:** For SDSs for reagents and chemicals from other manufacturers, contact the manufacturer.

Limited product warranty

Life Technologies Corporation and/or its affiliate(s) warrant their products as set forth in the Life Technologies' General Terms and

Conditions of Sale at www.thermofisher.com/us/en/home/global/terms-and-conditions.html. If you have any questions, please contact Life Technologies at www.thermofisher.com/support.



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For descriptions of symbols on product labels or product documents, go to thermofisher.com/symbols-definition.

The information in this guide is subject to change without notice.

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