



600184 0006402062



Agilent Technologies

Lot 0006402062

Page 1 of 1

Catalog Number	600184
Product Name	AccuScript PfuUltra II RT-PCR Kit
Expiration Date	2021-02-28
Quantity	50 Reactions
Certified By	Dana Faver
Quality Controlled By	Matt Huffman
Shipping Conditions	Shipped on dry ice.
Storage Conditions	Store at -20°C upon receipt.

Description

The AccuScript *PfuUltra* II RT-PCR Kit provides the reagents necessary for high-accuracy, high-throughput RT-PCR. The kit features AccuScript High Fidelity Reverse Transcriptase* (RT) for 1st strand cDNA synthesis and *PfuUltra* II Fusion HS DNA Polymerase* for PCR amplification. AccuScript high fidelity RT is a Moloney murine leukemia virus reverse transcriptase (MMLV-RT) derivative combined with a proofreading 3'-5' exonuclease, which delivers more than three-fold greater accuracy than leading reverse transcriptases.¹ *PfuUltra* II fusion HS DNA polymerase includes hot start antibody and the ArchaeMaxx polymerase-enhancing factor to achieve high specificity and long target-length capability while dramatically reducing overall PCR extension times.

Test Conditions

The reagents provided with this kit are tested in RT-PCR assays with multiple mRNA targets according to the protocol provided in the instruction manual. The cDNA products are PCR-amplified using appropriate gene-specific primers and the amplification products are visualized on an agarose gel to verify the presence of the expected product.

Contamination Test Conditions

All reagents in the AccuScript *PfuUltra* II RT-PCR kit are tested extensively to confirm the absence of nonspecific RNase and DNA contamination.

Notice to Purchaser: Limited License

This product is provided under an agreement between Bio-Rad Laboratories and Agilent Technologies, and the manufacture, use, sale or import of this product is subject to EP Pat. No. 1 283 875 B1, owned by Bio-Rad Laboratories, Inc. Purchase of this product conveys to the buyer the non-transferable right to use the purchased amount of the product and components of the product in PCR (but not real-time PCR) in the Research Field including all Applied Research Fields (including but not limited to forensics, animal testing, and food testing).

Reference

1. Arezi, B. and Hogrefe, H. H. (2007) *Anal Biochem* 360(1):84-91.

Endnotes

* U.S. Patent Nos. 6,734,293; 6,444,428; 6,183,997; 5,948,663 and 5,545,552.

Limited Product Warranty

This warranty limits our liability to replacement of this product. No other warranties of any kind, express or implied, including, without limitation, implied warranties of merchantability or fitness for a particular purpose, are provided by Agilent. Agilent shall have no liability for any direct, indirect, consequential, or incidental damages arising out of the use, the results of use, or the inability to use this product.

For Research Use Only. Not for use in diagnostic procedures. This certificate is a declaration of analysis at the time of manufacture.

Made in USA

Agilent Technologies
1834 State Highway 71 West
Cedar Creek, TX 78612 USA

For support within the US or Canada: 1-800-227-9770-3-4
For global support: www.agilent.com/genomics/contactus