

Product Datasheet

Vazyme - HiScript III 1st Strand cDNA Synthesis Kit (+gDNA wiper) (R312-01)

Description

HiScript III 1st Strand cDNA Synthesis Kit (+gDNA wiper) is an upgraded version of HiScript II 1st Strand cDNA Synthesis Kit (+gDNA wiper), including a new generation of reverse transcriptase HiScript III Reverse Transcriptase and Buffer optimized for reverse transcription, further improving the efficiency of 1st strand synthesis. The 5 × gDNA wiper Mix in the kit can quickly remove genomic DNA contamination within 2 min, which makes the results more reliable and simplifies the process of qPCR primer design without the need of spanning an exon-exon junction. The kit contains single-component reverse transcription primers Oligo (dT)20VN and Random hexamers, which allows users to choose primers flexibly for subsequent experiments as required. The kit can be used to synthesize full-length cDNA (up to 20 kb) for cloning and other downstream experiments, as well as highly uniform cDNA for qPCR.

Storage

Store at -30 ~ -15°C and transport at ≤0°C.

Note

For research use only

Application notes

Excellent reverse transcription efficiency: Compatible with low RNA input and degraded RNA template. Superior reverse transcription performance: The length of obtained cDNA can reach to 20 kb. High impurities tolerance: It maintains efficient reverse transcription performance in the presence of common impurities (e.g. ethanol, isopropyl alcohol, water balance phenol). Selectable primers: Oligo (dT)20VN and Random hexamers are available individually packaged. Efficiency gDNA elimination: Effective elimination of up to 500 ng of gDNA.

Expiration Date

12 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)



Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)