

Product Datasheet

Vazyme - HiScript II One Step RT-PCR Kit (Dye Plus) (P612-01)

Catalog Number	P612-01
Category	Tools
Description	<p>The HiScript II One Step RT-PCR Kit (Dye Plus) is designed for end-point PCR detection with RNA as the template (e.g., RNA virus). The PCR product can be directly loaded onto agarose gels for electrophoresis, greatly simplifying the operation process. It contains gene-specific primers (GSPs) and allows for both reverse transcription and PCR reaction in the same tube, with no need for additional tubes/pipetting. It is thus suitable for high-throughput detection with low risk of contamination. The kit, paired with an optimized buffer system, integrates high-performance HiScript II Reverse Transcriptase and Champagne Taq Plus DNA Polymerase to achieve high-sensitivity detection from 1 pg of total RNA and amplification of fragments up to 10 kb. The kit is provided as an easy-to-use Master Mix. The 2× One Step Mix (Dye Plus) contains an optimized buffer, dNTPs, and a dye. The One Step Enzyme Mix contains optimized proportions of HiScript II Reverse Transcriptase, RNase inhibitor, and Champagne Taq Plus DNA Polymerase.</p>
Application notes	<p>Reverse transcription and PCR in the same tube Detection from 1 pg of total RNA Able to amplify fragments longer than 10 kb Direct loading of the PCR product onto agarose gels</p>
Storage	Store at -30 ~ -15°C and transport at ≤ 0°C.
Background	Only available for the UK and Republic of Ireland
Note	For research use only
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

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

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)



Biorbyt Ltd.

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

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

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
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)