

Product Datasheet

Vazyme - FastPure Universal Plant Total RNA Isolation Kit (RC411-01)

Catalog Number	RC411-01
Category	Tools
Description	<p>FastPure Universal Plant Total RNA Isolation Kit can be used to quickly extract total RNA from plant tissues. The kit includes two solution systems designed for simple RNA extraction from a variety of plant tissues (wheat, rice, corn, Arabidopsis thaliana , tobacco, rape, etc.), polysaccharide and polyphenol rich plant tissues (cotton leaf, soybean leaf, pine needle, ginkgo leaf, fig leaf, gardenia leaf, wheat seed, corn seed, red bean seed, potato, sweet potato, soybean seed, sesame seed, peanut seeds, rapeseed, etc.), fruit pulp (watermelon, apple, peach, pear, banana, mango, etc.), and fungi (shiitake, button mushroom, oyster mushroom, Neurospora crassa , etc.). The kit is based on silica column purification technology and does not involve toxic reagents (e.g., phenol or chloroform and β-mercaptoethanol) or time-consuming alcohol precipitation. The whole extraction process takes only 11 min. FastPure gDNA-Filter Columns III in the kit effectively remove impurities and gDNA. FastPure RNA Columns V efficiently bind to RNA and, paired with optimized buffers, yield high-purity total RNA with minimal gDNA residue and no protein or other impurities that can be used for a range of downstream experiments, including RT-PCR, real-time PCR, RNA library preparation, microarray analysis, Northern blot, dot blot, and molecular cloning.</p>
Application notes	Simple 11 min procedure No need for phenol or chloroform and β -mercaptoethanol Compatible with plants rich in polysaccharide and polyphenol
Usage Notes	Restricted to UK and Ireland's customers ONLY
Storage	Store at 15 ~ 25°C and transport at room temperature.
Background	Only available for the UK and Republic of Ireland
Note	For research use only

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 27713-2847
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)

Expiration Date 12 months from date of receipt.



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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 27713-2847
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)