

Product Datasheet

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

Description

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.

Storage

Store at 15 ~ 25°C and transport at room temperature.

Note

For research use only

Application notes

Simple 11 min procedure No need for phenol or chloroform and β -mercaptoethanol Compatible with plants rich in polysaccharide and polyphenol

Expiration Date

12 months from date of receipt.

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