

Extraction of Total RNA in Cotton Tissues with CTAB-acidic Phenolic Method

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Abstract: Based on the CTAB extraction method for cotton total DNA and the LiCl precipitation

method of RNA, a new method suitable for cotton total RNA extraction, named CTAB-acidic phenolic method, was come into being. The method could produce cotton total RNA with higher purity and integrality in a shorter time from different tissues of cotton than other conventional methods.

Key words: cotton; RNA extraction; CTAB-acidic phenolic method