ABSTRACT

METHOD FOR ISOLATING RNA INCLUDING SMALL RNA WITH HIGH YIELD

The present invention provides a method for isolating RNA including small RNA having a size of 200nt or less from a sample, comprising the following steps: a) providing a composition comprising RNA and a chaotropic agent; b) adding alcohol; c) incubating the mixture for at least 2 min; d) adding additional alcohol to the mixture to adjust the overall alcohol concentration in the mixture to ≥50%; e) binding RNA contained in the mixture to a nucleic acid binding solid phase; f) optionally washing the bound RNA; g) optionally eluting RNA from the solid phase. Due to the step-wise addition of alcohol, the overall RNA yield and the yield of small RNA is improved.

(No Suitable Figure)