

Certificate of Analysis

Product Name: MicroRNA Isolation Kit

Catalog No. KS341025

Shipping and Storage Condition: Ship on ice, store at 4°C.

Shelf Life: 1 year from the date of receipt under proper storage conditions

Description

BioChain's microRNA Isolation Kit provides a rapid method for the isolation and purification of small RNA molecules (<200 nt) from tissue culture cells and small tissues. This kit can also be used for isolating large RNA (>200 nt). This kit contains enough reagents for 25 isolations of small RNAs (<200 nt) or 50 isolations of large RNAs (>200 nt).

Column binding capacity	100 µg
Recommended amount of starting material for one isolation:	
Tissues	0.5 – 200 mg
Tissue culture cells	100 – 1x 10 ⁷
Maximum column loading volume	650 µl
Elution Volume	30 – 100 µl

Quality Control

A representative kit from the same lot is randomly selected for isolation of small RNAs from cultured cells and tissues. The quality and purity of isolated small RNAs were measured by denaturing agarose gel electrophoresis and spectrophotometer. $A_{260/280}$ is between 1.8 and 2.0 (measured in 10 mM Tris-Cl, pH 7.5). The presence of miRNAs in the isolated small RNAs was detected using BioChain's MicroRNA One-Step qRT-PCR Detection Kit (Cat# KS081200 and Cat# KS082200).

Components

1. 1 unit(s) of MicroRNA Isolation Kit
2. Certificate of Analysis
3. One complete Manual
4. MSDS

Made in U.S.A.

FOR RESEARCH USE ONLY

APPROVED BY: _____

