

## Certificate of Analysis

**Product:** FFPE Tissue RNA Extraction Kit

**Catalog Number:** K1011100

**Shipping and Storage Condition:** Shipped on dry ice. Store proteinase K powder at +4°C and actin control primer at -20°C upon arrival.

### Description

Formalin-fixed, paraffin embedded (FFPE) tissue specimens are highly valuable sources for retrospective studies of many pathologies. The extraction of ribonucleic acids from FFPE specimens could often be challenging, as they often become cross-linked and degraded during the archiving process.

BioChain's FFPE Tissue RNA Extraction Kit allows for facile and efficient ribonucleic acid extraction from FFPE tissues, with high throughput capabilities and full compatibility for down-stream applications such as qRT-PCR, eliminating the need for toxic compounds and lengthy protocols.

### Quality Control

A representative kit from the same lot is randomly selected for extraction of control specimen and amplified with control RNA templates to ensure efficacy.

### Kit Components

1. One FFPE RNA Extraction Kit contains the following reagents:

Item	Part #	Amount	Storage
1. Proteinase K	K1011100-1	1 bottle	+4°C -20°C after reconstitution
2. FFPE Lysis Buffer	K1011100-2	1 bottle	Room Temp
3. Actin Control Primer	K1011100-3	1 tube	-20°C

2. One Certificate of Analysis
3. One user's manual
4. One MSDS

### References

1. Doleshal M, Magotra AA, Choudhury B Cannon BD, Labourier E, Szafranska AE. "Evaluation and validation of total DNA extraction methods for microRNA expression analyses in formalin-fixed, paraffin-embedded tissues" J Mol Diagn 2008 May; 10(3) : 203-11.
2. Haller AC, Kanakapalli D, Walter R, Alhasan S, Eliason JF, Everson RB. "Transcriptional profiling of degraded RNA in cryopreserved and fixed tissue samples obtained at autopsy" BMC Clin Path 2006 Dec; 6(9).

**FOR IN VITRO RESEARCH USE ONLY**

**APPROVED BY:** \_\_\_\_\_

