

Certificate of Analysis

Product Name: FFPE Tissue DNA Extraction Kit

Catalog Number: K5019100

Shipping Condition: Shipped with dry ice.

Storage Condition: Store proteinase K at +4°C upon arrival and actin control primer at -20°C.

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

Description

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

BioChain's FFPE Tissue DNA Extraction Kit allows for facile and efficient deoxyribonucleic 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 DNA templates to ensure efficacy.

Kit Components

1. One FFPE Tissue DNA Extraction Kit contains the following reagents:

Item	Part #	Amount	Storage
1. Proteinase K	K5019100-1	1 bottle	+4°C -20°C after reconstitution
2. FFPE Tissue Lysis Buffer	K5019100-2	1 bottle	Room Temp
3. Actin control primer	K5019100-3	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 RNA 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).

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APPROVED BY: 