

## Certificate of Analysis

**Product:** FFPE Tissue DNA Extraction Kit – Magnetic Beads

**Catalog Number:** K5011450

**Shipping Condition:** Shipped with blue ice.

**Storage Condition**

Aliquot proteinase K into appropriate amounts and store aliquots and actin control primer at -20°C upon arrival. Store beads particles at 4°C. Store all the rest of contents at room temperature

**Shelf Life**

1 year from the date of receipt under proper storage conditions

**Description**

BioChain's FFPE Tissue DNA Extraction Kit - Magnetic Beads allows for facile and efficient deoxyribonucleic acid extraction from FFPE tissues, with potential high throughput capabilities and full compatibility for down-stream applications such as qPCR. Utilizing heat and proteinase K treatment, BioChain's FFPE Tissue DNA Extraction Kit- Magnetic beads is optimized in the removal of paraffin, partial reversal of formalin cross linking, and release of DNA from fixed tissues. After clean up with DNA binding beads, the concentration of the high purity DNA can be determined by spectrophotometer or nanodrop equipment.

**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 DNA Extraction Kit contains the following reagents:

Item	Part #	Amount	Storage
1. Dewaxil	K5011450-1	28 ml	Room Temp
2. Proteinase K	K5011450-2	1.1 ml	4°C, -20°C after receive
3. FFPE Lysis Buffer	K5011450-3	10 ml	Room Temp
4. Binding Buffer	K5011450-4	11 ml	Room Temp
5. Wash Buffer 1	K5011450-5	1 bottle	Room Temp
6. Wash Buffer 2	K5011450-6	1 bottle	Room Temp
7. Elution Buffer	K5011450-7	2.8 ml	Room Temp
8. Beads Particles	K5011450-8	0.7 ml	4°C
9. Actin control primer	K5011450-9	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 degrad 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:** \_\_\_\_\_

