

## Safety Data Sheet

### Section 1. Product and Company Identification

**Product Name** FFPE Tissue DNA Extraction Kit  
**Catalog #** K5019100  
**Manufacturer** Biochain Institute, Inc.  
39600 Eureka Drive  
Newark, CA 94560  
USA  
510.783.8588 or 1.888.762.2568  
Email: [info@biochain.com](mailto:info@biochain.com)  
**Emergency Phone #** Contact your local hazardous material control center.  
Call 911 in case of medical emergency.

### Section 2. Hazards Identification

Review approved and the most current institutional guideline, protocol, SOP(s) and MSDS(s) for the proper handling of institutional materials/equipment associated with the use of this BCI product.

**Primary Routes of Entry:**

Skin Absorption **(No)**; Dermal/skin contact **(No)**; Eye contact **(No)**; Inhalation **(No)**; Ingestion **(No)**; Chronic Exposure **(No)**. Skin or eye contact from splashes.

**Medical Conditions Aggravated by Exposure:** Not available.

**Potential Acute Health Effects:** Adverse health effects are not expected from the recommended use of this product.

**Carcinogenic Effects:** Not listed by NTP, IARC or OSHA.

**Mutagenic Effects:** Not available.

**Teratogenic Effects:** Not available.

### Section 3. Composition and Information on Ingredients

**Component/reagent#**

1. Proteinase K
2. FFPET Lysis Buffer
3. Control Actin Primer

All components of the kit are considered non-hazardous.

### Section 4. First Aid Measures

**Skin:** Wash exposed skin with mild soap and water. Get medical attention if irritation develops or persists.

**Eyes:** Immediately flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek medical attention.

**Inhalation:** If breathing becomes difficult, move victim to fresh air. If irritation persists, get medical attention.

**Ingestion:** Do not induce vomiting. If affected person is conscious, give plenty of water to drink. Seek medical attention.

### Section 5. Fire Fighting Measures

**Flammability of the Product:** Not flammable.

**Flash Points:** Not available

### Section 6. Accidental Release Measures

N/A

**Section 7. Handling and Storage**

See User's Manual for storage information.

**Section 8. Exposure Controls/Personal Protection**

N/A

**Section 9. Physical and Chemical Properties**

<b>Component</b>	<b>Physical State</b>	<b>Color</b>	<b>Odor</b>
1) Proteinase K	lyophilized powder	Clear	None
2) FFPET Lysis Buffer	Liquid	Clear	None
3) Control Actin Primer	Liquid	Clear	None

**Section 10. Stability and Reactivity**

**Stability and Reactivity:** The product is stable under recommended storage conditions.

**Section 11. Toxicological Information**

N/A

**Section 12. Ecological Information**

The product itself and its products of degradation are not toxic

**Section 13. Disposal Considerations**

Please consult local, state and federal regulation on additional guidance on disposal.

**Section 14. Transport Information**

Contact BioChain for all transport information.

**Section 15. Regulatory Information**

N/A

**Section 16. Other Information**

The information contained in this SDS was obtained from sources we believe are reliable. However, the above information is provided without warranty, expressed or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.