

# KATOIII A-FLX™ FFPE Cell Pellet

## GENERAL INFORMATION

|                        |                                                                          |
|------------------------|--------------------------------------------------------------------------|
| Product Name:          | KATOIII A-FLX™ FFPE Cell Pellet                                          |
| Reference Number:      | 3140-0310 Block<br>3140-0320 Slide (5µm)<br>3140-0330 FFPE scroll (20µm) |
| Date of Manufacturing: | See product label                                                        |
| Lot Number:            | See product label                                                        |
| Intended Use:          | For research use only                                                    |

## DESCRIPTION

|                      |                                                                                 |
|----------------------|---------------------------------------------------------------------------------|
| Cell Line:           | KATOIII                                                                         |
| Tissue of Origin:    | Stomach                                                                         |
| Culturing Condition: | IMDM supplemented with 10% FBS at 37°C with 5% CO <sub>2</sub>                  |
| Fixation Condition:  | 10% neutral buffered formalin (NBF) for 24 hours at 24-27°C                     |
| Product Format:      |                                                                                 |
| Block:               | Paraffin embedded block. Pellet thickness: ~2mm                                 |
| Slide:               | One unstained section mounted on Superfrost™ Plus slide. Section thickness: 5µm |
| FFPE Scroll:         | One FFPE section in DNase/RNase free tube. Section thickness: 20µm              |

## SCHEMATICS

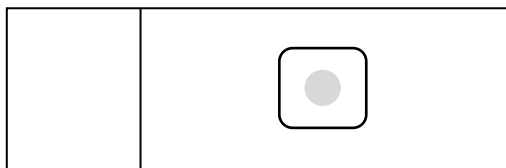


Illustration of an FFPE slide

## STORAGE AND STABILITY

| Storage Condition                     | Stability* |
|---------------------------------------|------------|
| Ambient temperature                   | 6 months   |
| 2-8 °C with desiccation (Recommended) | 2 years    |
| -20 °C to -10 °C                      | 5 years    |

## SAFETY AND PRECAUTIONS

This product does not contain hazardous material. Wear appropriate personal protective equipment (PPE) when handling reagents and biological specimens.

## RECOMMENDED PROCEDURES

### Staining using FFPE slides:

1. Bake slides at 60°C for 30-60 min.
2. Deparaffinize two times in Xylene or Xylene substitute for 5 min each time.
3. Rinse two times in 100% ethanol for 1 min each time.
4. Air dry slides or rehydrate in ethanol series (95% 2 min, 70% 2 min, 50% 2 min, 1XPBS 2 min).
5. Proceed to staining protocol.

### Biomolecule extraction from FFPE scrolls:

1. Add 1ml Xylene or Xylene substitute to each tube containing FFPE scrolls and vortex for 10 sec.
2. Centrifuge at full speed for 2 min at room temperature. Remove supernatant without disturbing the pellet.
3. Repeat step 1 and 2.
4. Add 1ml 100% ethanol and mix by vortexing.
5. Centrifuge at full speed for 2 min at room temperature. Remove supernatant without disturbing the pellet.
6. Repeat step 4 and 5.
7. Carefully remove any residual ethanol in the tube without disturbing the pellet.
8. Open the tube and dry at room temperature or up to 37°C for 10min, or until the ethanol has completely evaporated.
9. Proceed to extraction protocol.

\*Guideline for general applications, such as immunohistochemistry (IHC) or DNA in situ hybridization (ISH). Certain biomolecules may be less stable during storage.



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