

## H1703 A-FLX™ FFPE Cell Pellet

### GENERAL INFORMATION

Product Name: H1703 A-FLX™ FFPE Cell Pellet  
 Reference Number: 3020-0610 Block  
 3020-0620 Slide (5µm)  
 3020-0630 FFPE scroll (20µm)  
 Date of Manufacturing: See product label  
 Lot Number: See product label  
 Intended Use: For research use only

### DESCRIPTION

Cell Line: H1703  
 Tissue of Origin: Lung  
 Culturing Condition: RPMI-1640 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

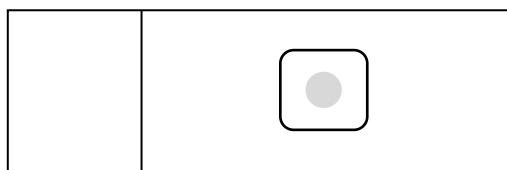


Illustration of an FFPE slide

### 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.

### 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

\*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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