

H2122 FFPE Cell Pellet

GENERAL INFORMATION

Product Name: H2122 FFPE Cell Pellet
 Reference Number: 3020-2310 Block
 3020-2320 Slide (5µm)
 3020-2330 FFPE scroll (20µm)
 Date of Manufacturing: See product label
 Lot Number: See product label
 Intended Use: For research use only

DESCRIPTION

Cell Line: HCC2122
 Tissue of Origin: Lung
 Culturing Condition: RPMI-1640 supplemented with 10% FBS at 37°C with 5% CO₂
 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

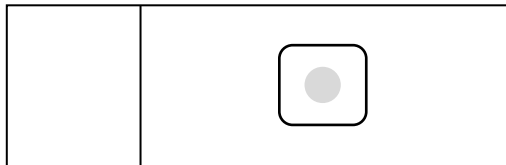


Illustration of an FFPE slide

STORAGE CONDITION

2-8 °C with desiccation (Recommended)



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.

*STABILITY

Block	5 years
Scroll	1 year
Slide	1 year

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

AMSBIO | www.amsbio.com | info@amsbio.com

AMSBIO LLC
 USA & Canada 
 1035 Cambridge Street,
 Cambridge, MA 02141
 T: +1 (617) 945-5033 or
 T: +1 (800) 987-0985
 F: +1 (617) 945-8218

AMSBIO Europe BV
 EU 
 Berenkoog 41,
 1822 BH Alkmaar,
 Netherlands
 T: +31 (0) 72 8080244
 F: +31 (0) 72 8080142

AMS Biotechnology (Europe) Ltd
 UK & Rest of the World 
 184 Park Drive, Milton Park
 Abingdon OX14 4SE
 T: +44 (0) 1235 828 200
 F: +44 (0) 1235 820 482

AMS Biotechnology (Europe) Ltd
 Switzerland 
 Via Lisano 3,
 (CP.683)
 CH-6900 Massagno
 T: +41 (0) 91 604 55 22
 F: +41 (0) 91 605 17 85

AMSBIO Europe BV
 Deutschland 
 T: +49 (0) 69 779099
 F: +49 (0) 69 13376880