Product Data Sheet

HT144 FFPE Cell Pellet

GENERAL INFORMATION

Product Name:	HT144 FFPE Cell Pellet
Reference Number:	3060-0710 Block
	3060-0720 Slide (5µm)
	3060-0730 Scroll (20µm)
Date of Manufacturing:	See product label
Lot Number:	See product label
Intended Use:	For research use only

DESCRIPTION

Cell Line:	HT144
Tissue of Origin:	Skin
Culturing Condition:	DMEM supplemented with 10% FBS at 37°C with 5% CO_2
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

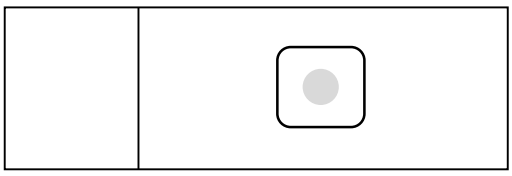


Illustration of an FFPE slide

STORAGE CONDITION

2-8 ˚C with desiccation (Recommended)

*STABILITY

Block	5 years
Scroll	1 year
Slide	1 year

SAFETY AND PRECAUTIONS

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

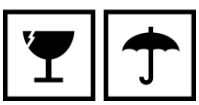
RECOMMENDED PROCEDURES

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.

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

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

North America
1035 Cambridge Street,
Cambridge, MA 02141.
T: +1 (617) 945-5033 or
T: +1 (800) 987-0985
F: +1 (617) 945-8218

Europe
Berenkoog 41,
1822 BH Alkmaar,
Netherlands
T: +31 (0)728080244
F: +31 (0)728080142

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

Germany
Bockenheimer Landstr. 17/19
60325 Frankfurt/Main
T: +49 (0) 69 779099
F: +49 (0) 69 13376880