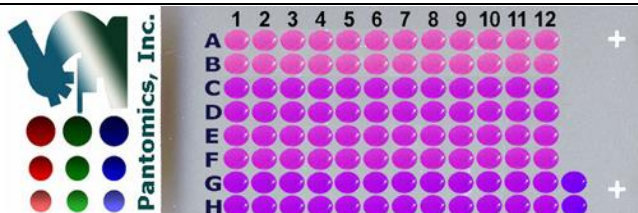


Cat No: EMC961 - Endometrial cancer tissue array

Lot#	Cores	Size	Cut	Format	QA/QC	
EMC96101	96	1.5mm	4um	8X12	H&E, IHC anti-Cytokeratin	

Recommended applications: For Research use only. RNA or protein endometrium cancer/non-tumor tissue profiling using IHC or ISH; Antibody characterization.

Description: Endometrial cancer tissue array, 96 cores including 36 cases (purple/blue) of endometrial cancers and 12 cases of normal, inflammatory and benign tumor tissues of the endometrium (pink) in duplicates.

All the tissues were from surgical resection. They were fixed in 10% neutral buffered formalin for 24 hours and processed using identical SOPs. Sections were picked onto Superfrost Plus or APES coated Superfrost slides. They can be stored for use at 4C for up to six months from the date of shipment. **There may be 5 to 10% of tissue core loss.**

Array Position	Sex	Age	Anatomic Site	Pathology	Grade	Stage
A01	F	49	Uterus, endometrium	Normal	null	null
A02	F	60	Uterus, endometrium	Normal	null	null
A03	F	44	Uterus, endometrium	Normal	null	null
A04	F	38	Uterus, endometrium	Endometrium of proliferative phase	null	null
A05	F	38	Uterus, endometrium	Endometrium of proliferative phase	null	null
A06	F	44	Uterus, endometrium	Endometrium of proliferative phase	null	null
A07	F	42	Uterus, endometrium	Endometrium of proliferative phase	null	null
A08	F	35	Uterus, endometrium	Simple hyperplasia	null	null
A09	F	51	Uterus, endometrium	Simple hyperplasia	null	null
A10	F	42	Uterus, endometrium	Endometrium, epitopic	null	null
A11	F	39	Uterus, endometrium	Endometrium, epitopic	null	null
A12	F	75	Uterus, endometrium	Polyps	null	null
B01	F	49	Uterus, endometrium	Normal	null	null
B02	F	60	Uterus, endometrium	Normal	null	null
B03	F	44	Uterus, endometrium	Normal	null	null
B04	F	38	Uterus, endometrium	Endometrium of proliferative phase	null	null
B05	F	38	Uterus, endometrium	Endometrium of proliferative phase	null	null
B06	F	44	Uterus, endometrium	Endometrium of proliferative phase	null	null
B07	F	42	Uterus, endometrium	Endometrium of proliferative phase	null	null
B08	F	35	Uterus, endometrium	Simple hyperplasia	null	null
B09	F	51	Uterus, endometrium	Simple hyperplasia	null	null
B10	F	42	Uterus, endometrium	Endometrium, epitopic	null	null
B11	F	39	Uterus, endometrium	Endometrium, epitopic	null	null
B12	F	75	Uterus, endometrium	Polyps	null	null
C01	F	68	Uterus, endometrium	Adenocarcinoma	I~II	T1N0M0
C02	F	67	Uterus, endometrium	Adenocarcinoma	I	T1N0M0
C03	F	45	Uterus, endometrium	Adenocarcinoma	I	T1N0M0
C04	F	59	Uterus, endometrium	Adenocarcinoma	I~II	T1N0M0
C05	F	53	Uterus, endometrium	Adenocarcinoma	I	T1N0M0
C06	F	50	Uterus, endometrium	Adenocarcinoma	I	T1N0M0
C07	F	52	Uterus, endometrium	Adenocarcinoma	II~III	T1N0M0
C08	F	60	Uterus, endometrium	Adenocarcinoma	II	T1N0M0
C09	F	49	Uterus, endometrium	Adenocarcinoma	I~II	T2N0M0
C10	F	53	Uterus, endometrium	Adenocarcinoma	II~III	T1N1M0
C11	F	48	Uterus, endometrium	Adenocarcinoma	I~II	T2N0M0
C12	F	41	Uterus, endometrium	Adenocarcinoma	II	T1N0M0
D01	F	68	Uterus, endometrium	Adenocarcinoma	I~II	T1N0M0
D02	F	67	Uterus, endometrium	Adenocarcinoma	I	T1N0M0



Advancing Biomedical Science Through Tissue Arrays

D03	F	45	Uterus, endometrium	Adenocarcinoma	I	T1N0M0
D04	F	59	Uterus, endometrium	Adenocarcinoma	I~II	T1N0M0
D05	F	53	Uterus, endometrium	Adenocarcinoma	I	T1N0M0
D06	F	50	Uterus, endometrium	Adenocarcinoma	I	T1N0M0
D07	F	52	Uterus, endometrium	Adenocarcinoma	II~III	T1N0M0
D08	F	60	Uterus, endometrium	Adenocarcinoma	II	T1N0M0
D09	F	49	Uterus, endometrium	Adenocarcinoma	I~II	T2N0M0
D10	F	53	Uterus, endometrium	Adenocarcinoma	II~III	T1N1M0
D11	F	48	Uterus, endometrium	Adenocarcinoma	I~II	T2N0M0
D12	F	41	Uterus, endometrium	Adenocarcinoma	II	T1N0M0
E01	F	60	Uterus, endometrium	Adenocarcinoma	I~II	T1N0M0
E02	F	53	Uterus, endometrium	Adenocarcinoma	I~II	T1N0M0
E03	F	40	Uterus, endometrium	Adenocarcinoma	I~II	T2N1M0
E04	F	43	Uterus, endometrium	Adenocarcinoma	I~II	T2N1M0
E05	F	48	Uterus, endometrium	Adenocarcinoma	I~II	T1N0M0
E06	F	49	Uterus, endometrium	Adenocarcinoma	I	T3N1M0
E07	F	41	Uterus, endometrium	Adenocarcinoma	I~II	T1N0M0
E08	F	53	Uterus, endometrium	Adenocarcinoma	III	T2N1M0
E09	F	70	Uterus, endometrium	Adenosquamous carcinoma	III	T1N0M0
E10	F	56	Uterus, endometrium	Adenocarcinoma	III	T1N0M0
E11	F	54	Uterus, endometrium	Adenocarcinoma	II~III	T1N0M0
E12	F	70	Uterus, endometrium	Adenocarcinoma	II~III	T2N0M0
F01	F	60	Uterus, endometrium	Adenocarcinoma	I~II	T1N0M0
F02	F	53	Uterus, endometrium	Adenocarcinoma	I~II	T1N0M0
F03	F	40	Uterus, endometrium	Adenocarcinoma	I~II	T2N1M0
F04	F	43	Uterus, endometrium	Adenocarcinoma	I~II	T2N1M0
F05	F	48	Uterus, endometrium	Adenocarcinoma	I~II	T1N0M0
F06	F	49	Uterus, endometrium	Adenocarcinoma	I	T3N1M0
F07	F	41	Uterus, endometrium	Adenocarcinoma	I~II	T1N0M0
F08	F	53	Uterus, endometrium	Adenocarcinoma	III	T2N1M0
F09	F	70	Uterus, endometrium	Adenosquamous carcinoma	III	T1N0M0
F10	F	56	Uterus, endometrium	Adenocarcinoma	III	T1N0M0
F11	F	54	Uterus, endometrium	Adenocarcinoma	II~III	T1N0M0
F12	F	70	Uterus, endometrium	Adenocarcinoma	II~III	T2N0M0
G01	F	36	Uterus, endometrium	Adenocarcinoma	III	T1N0M0
G02	F	51	Uterus, endometrium	Adenocarcinoma	III	T1N0M0
G03	F	50	Uterus, endometrium	Adenocarcinoma	III	T1N1M0
G04	F	62	Uterus, endometrium	Adenocarcinoma	II	T2N1M0
G05	F	56	Uterus, endometrium	Adenocarcinoma	III	T1N0M0
G06	F	78	Uterus, endometrium	Adenocarcinoma	II	T2N1M0
G07	F	47	Uterus, endometrium	Adenocarcinoma	I~II	T1N0M0
G08	F	55	Uterus, endometrium	Adenocarcinoma	II~III	T2N1M0
G09	F	56	Uterus, endometrium	Adenosquamous carcinoma	null	T1N0M0
G10	F	67	Uterus, endometrium	Malignant mixed Mullerian Tumor	null	null
G11	F	51	Uterus, endometrium	Malignant mixed Mullerian Tumor	null	null
G12	F	50	Uterus, endometrium	Endometrial stromal sarcoma	null	T1N0M0
H01	F	36	Uterus, endometrium	Adenocarcinoma	III	T1N0M0
H02	F	51	Uterus, endometrium	Adenocarcinoma	III	T1N0M0
H03	F	50	Uterus, endometrium	Adenocarcinoma	III	T1N1M0
H04	F	62	Uterus, endometrium	Adenocarcinoma	II	T2N1M0
H05	F	56	Uterus, endometrium	Adenocarcinoma	III	T1N0M0
H06	F	78	Uterus, endometrium	Adenocarcinoma	II	T2N1M0
H07	F	47	Uterus, endometrium	Adenocarcinoma	I~II	T1N0M0
H08	F	55	Uterus, endometrium	Adenocarcinoma	II~III	T2N1M0
H09	F	56	Uterus, endometrium	Adenosquamous carcinoma	null	T1N0M0
H10	F	67	Uterus, endometrium	Malignant mixed Mullerian Tumor	null	null
H11	F	51	Uterus, endometrium	Malignant mixed Mullerian Tumor	null	null
H12	F	50	Uterus, endometrium	Endometrial stromal sarcoma	null	T1N0M0

Notes: Bake at 60C for ~60 minutes before use. If antigen retrieving is needed, it is important to avoid **direct-boiling and high pH or high strength** antigen retrieving buffer. For availability of complimentary IHC data, please contact us at info@pantomics.com.

Certified by: Fancai Li, M.D.

TNM Classification: Endometrium carcinoma

T- Primary tumor

- TX - Primary tumor cannot be assessed
- TO - No evidence of primary tumor
- Tis - Carcinoma in situ (preinvasive carcinoma)
- T1 - Tumor confined to corpus uteri
 - T1a - Tumor limited to endometrium
 - T1 b - Tumor invades up to less than one half of myometrium
 - T1c - Tumor invades to more than one half of myometrium
- T2 - Tumor invades cervix but does not extend beyond uterus
 - T2a - Endocervical glandular involvement only
 - T2b - Cervical stromal invasion
- T3 (and/or N1) - Local or regional spread as specified below
 - T3a - Tumor involves serosa and/or adnexa and/or cancer cells in ascites or peritoneal washing
 - T3b - Vaginal involvement
- (N1) - Metastasis to pelvic and/or para-aortic lymph nodes
- T4 - Tumor invades bladder mucosa and/or bowel mucosa

N - Regional lymph nodes

- NX - Regional lymph nodes cannot be assessed
- NO - No regional lymph node metastasis
- N1 - Regional lymph node metastasis
 - N1a - Metastasis in a single regional lymph node
 - N1b - Metastasis in multiple regional lymph nodes

M - Distant metastasis

- MX - Distant metastasis cannot be assessed
- MO - No distant metastasis
- M1 - Distant metastasis

TNM classification of malignant tumours, Fifth Edition (1997)

Comparison between TNM and FIGO

TNM category	FIGO Stage	TNM category	FIGO Stage
Tis	Jo	T3 and/or N1	III
T1	J1	T3a	IIIA
T1a	IA	T3b	IIIB
T1b	IB	N1	IIIC
T1c	1C	T4	IVA
T2	II	M1	IVB
T2a	IIA		
T2b	MB		