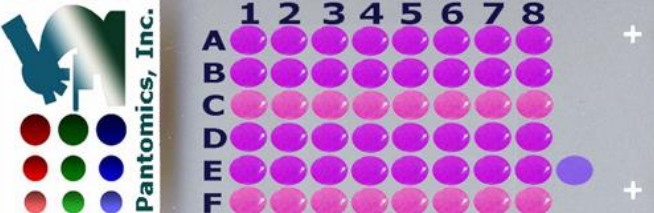


Cat No: EMC481 – Endometrium cancer/normal paired tissue array

Lot#	Cores	Size	Cut	Format	QA/QC	
EMC48101	48	1.5mm	4um	6X8	H&E, IHC anti-Cytokeratin	

Recommended applications: For research use only. Designed for breast normal vs cancer RNA or protein tissue profiling using IHC or ISH. Duplicated tumor tissues from each case are arrayed to minimize heterogeneity.

Description: Endometrial cancer tissue array, 16 cases, 48 cores, one normal paired with two tumor tissue cores from each patient, with grading and TNM staging data.

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	42	Uterus, endometrium	Adenocarcinoma	I	T1N0M0
A02	F	45	Uterus, endometrium	Adenocarcinoma	I~II	T1N0M0
A03	F	48	Uterus, endometrium	Adenocarcinoma	II	T3N0M0
A04	F	41	Uterus, endometrium	Adenocarcinoma	I	T1N0M0
A05	F	38	Uterus, endometrium	Adenocarcinoma	I	T2N0M0
A06	F	57	Uterus, endometrium	Adenocarcinoma	I	T1N0M0
A07	F	50	Uterus, endometrium	Adenocarcinoma	I	T1N0M0
A08	F	50	Uterus, endometrium	Adenocarcinoma	II	T3N0M0
B01	F	42	Uterus, endometrium	Adenocarcinoma	I	T1N0M0
B02	F	45	Uterus, endometrium	Adenocarcinoma	I~II	T1N0M0
B03	F	48	Uterus, endometrium	Adenocarcinoma	II	T3N0M0
B04	F	41	Uterus, endometrium	Adenocarcinoma	I	T1N0M0
B05	F	38	Uterus, endometrium	Adenocarcinoma	I	T2N0M0
B06	F	57	Uterus, endometrium	Adenocarcinoma	I	T1N0M0
B07	F	50	Uterus, endometrium	Adenocarcinoma	I	T1N0M0
B08	F	50	Uterus, endometrium	Adenocarcinoma	II	T3N0M0
C01	F	42	Uterus, endometrium	Uninvolved endometrium tissue of A1, B1	null	null
C02	F	45	Uterus, endometrium	Uninvolved endometrium tissue of A2, B2	null	null
C03	F	48	Uterus, endometrium	Uninvolved endometrium tissue of A3, B3	null	null
C04	F	41	Uterus, endometrium	Uninvolved endometrium tissue of A4, B4	null	null
C05	F	38	Uterus, endometrium	Uninvolved endometrium tissue of A5, B5	null	null
C06	F	57	Uterus, endometrium	Uninvolved endometrium tissue of A6, B6	null	null
C07	F	50	Uterus, endometrium	Uninvolved endometrium tissue of A7, B7	null	null
C08	F	50	Uterus, endometrium	Uninvolved endometrium tissue of A8, B8	null	null
D01	F	43	Uterus, endometrium	Adenocarcinoma	II	T1N0M0
D02	F	44	Uterus, endometrium	Adenocarcinoma	I	T2N0M0
D03	F	57	Uterus, endometrium	Adenocarcinoma	II	T1N1M0
D04	F	58	Uterus, endometrium	Adenocarcinoma	II	T1N0M0
D05	F	40	Uterus, endometrium	Adenocarcinoma	II~III	T1N0M0
D06	F	56	Uterus, endometrium	Adenocarcinoma	III	T1N0M0
D07	F	52	Uterus, endometrium	Adenocarcinoma	III	T3N1M0
D08	F	41	Uterus, endometrium	Adenocarcinoma	III	T1N0M0
E01	F	43	Uterus, endometrium	Adenocarcinoma	II	T1N0M0
E02	F	44	Uterus, endometrium	Adenocarcinoma	I	T2N0M0
E03	F	57	Uterus, endometrium	Adenocarcinoma	II	T1N1M0
E04	F	58	Uterus, endometrium	Adenocarcinoma	II	T1N0M0
E05	F	40	Uterus, endometrium	Adenocarcinoma	II~III	T1N0M0
E06	F	56	Uterus, endometrium	Adenocarcinoma	III	T1N0M0
E07	F	52	Uterus, endometrium	Adenocarcinoma	III	T3N1M0



Advancing Biomedical Science Through Tissue Arrays

E08	F	41	Uterus, endometrium	Adenocarcinoma	III	T1N0M0
F01	F	43	Uterus, endometrium	Uninvolved endometrium tissue of A1, B1	null	null
F02	F	44	Uterus, endometrium	Uninvolved endometrium tissue of A2, B2	null	null
F03	F	57	Uterus, endometrium	Uninvolved endometrium tissue of A3, B3	null	null
F04	F	58	Uterus, endometrium	Uninvolved endometrium tissue of A4, B4	null	null
F05	F	40	Uterus, endometrium	Uninvolved endometrium tissue of A5, B5	null	null
F06	F	56	Uterus, endometrium	Uninvolved endometrium tissue of A6, B6	null	null
F07	F	52	Uterus, endometrium	Uninvolved endometrium tissue of A7, B7	null	null
F08	F	41	Uterus, endometrium	Uninvolved endometrium tissue of A8, B8	null	null

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		