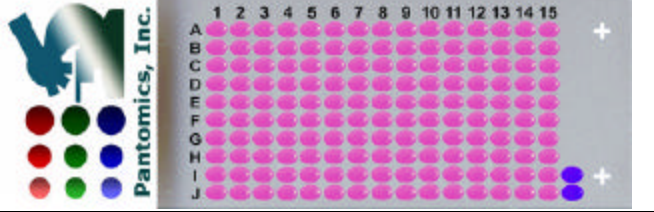




Cat No: **EMC1501 - Endometrial cancer tissue array**

Lot#	Cores	Size	Cut	Format	QA/QC
EMC150101	150	1.1mm	4um	10X15	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, 150 cores including 75 cases of uninvolved and neoplastic tissues of the endometrium 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 all have a guaranteed six months' shelf-life at 4C from the date of shipment. Each slide has >95% tissue core retention..

Array position	Age	Sex	Anatomic site	Histology	Grade	Stage (TNM)
A1,B1	52	F	Endometrium	Normal		
A2,B2	45	F	Endometrium	Normal		
A3,B3	31	F	Endometrium	Normal		
A4,B4	53	F	Endometrium	Atypical hyperplasia		
A5,B5	63	F	Endometrium	Atypical hyperplasia		
A6,B6	44	F	Endometrium	Adenocarcinoma	II	T1N0M0
A7,B7	62	F	Endometrium	Adenocarcinoma	II	T1N1M0
A8,B8	56	F	Endometrium	Adenosquamous carcinoma		T1N0M0
A9,B9	56	F	Endometrium	Adenocarcinoma	III	T1N0M0
A10,B10	56	F	Endometrium	Adenocarcinoma	I	T1N0M0
A11,B11	53	F	Endometrium	Adenocarcinoma	III	T2N1M0
A12,B12	51	F	Endometrium	Adenocarcinoma	III	T3N1M0
A13,B13	51	F	Endometrium	Adenocarcinoma	I~II	T1N0M0
A14,B14		F	Endometrium	Adenocarcinoma	III	T1N0M0
A15,B15	43	F	Endometrium	Adenocarcinoma	I	T1N0M0
C1,D1	46	F	Endometrium	Adenocarcinoma	III	T3N0M0
C2,D2	78	F	Endometrium	Adenocarcinoma	II	T2N1M0
C3,D3	53	F	Endometrium	Adenocarcinoma	I~II	T1N0M0
C4,D4	49	F	Endometrium	Adenocarcinoma	I	T1N1M0
C5,D5	47	F	Endometrium	Squamous cell carcinoma	I	T1N0M0
C6,D6		F	Endometrium	Adenocarcinoma	I~II	T2N0M0
C7,D7	74	F	Endometrium	Adenocarcinoma	III	T2N0M0
C8,D8	51	F	Endometrium	Adenocarcinoma	III	T1N0M0
C9,D9	36	F	Endometrium	Adenocarcinoma	III	T1N0M0
C10,D10	48	F	Endometrium	Adenocarcinoma	I~II	T2N0M0
C11,D11	59	F	Endometrium	Adenocarcinoma	I~II	T1N0M0
C12,D12	43	F	Endometrium	Adenocarcinoma	II~III	T1N1M0
C13,D13	40	F	Endometrium	Adenocarcinoma	I~II	T2N1M0
C14,D14	70	F	Endometrium	Adenocarcinoma	II~III	T2N0M0
C15,D15	54	F	Endometrium	Adenocarcinoma	II~III	T1N0M0
E1,F1	48	F	Endometrium	Adenocarcinoma	II	T1N0M0
E2,F2	53	F	Endometrium	Adenocarcinoma	I~II	T1N0M0
E3,F3	63	F	Endometrium	Adenocarcinoma	II	T1N0M0
E4,F4	60	F	Endometrium	Adenocarcinoma	I~II	T1N0M0
E5,F5	41	F	Endometrium	Adenocarcinoma	II	T1N0M0



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E6,F6	48 F	Endometrium	Adenocarcinoma	I~II	T2NOMO
E7,F7	70 F	Endometrium	Adenosquamous carcinoma	III	T1NOMO
E8,F8	68 F	Endometrium	Adenocarcinoma	I~II	T1NOMO
E9,F9	56 F	Endometrium	Adenosquamous carcinoma	III	T1NOMO
E10,F10	53 F	Endometrium	Adenocarcinoma	II~III	T1NOMO
E11,F11	53 F	Endometrium	Adenosquamous carcinoma	III	T1NOMO
E12,F12	60 F	Endometrium	Adenocarcinoma	II	T1NOMO
E13,F13	52 F	Endometrium	Adenocarcinoma	II~III	T1NOMO
E14,F14	41 F	Endometrium	Adenocarcinoma	I~II	T1NOMO
E15,F15	50 F	Endometrium	Adenocarcinoma	III	T1NOMO
G1,H1	55 F	Endometrium	Adenocarcinoma	II	T1NOMO
G2,H2	53 F	Endometrium	Undifferentiated carcinoma		T1NOMO
G3,H3	50 F	Endometrium	Stromal sarcoma		T1NOMO
G4,H4	60 F	Endometrium	Adenocarcinoma	I~II	T1NOMO
G5,H5	53 F	Endometrium	Adenocarcinoma	I~II	T1NOMO
G6,H6	49 F	Endometrium	Adenocarcinoma	I~II	T1NOMO
G7,H7	53 F	Endometrium	Adenocarcinoma	II	T2NOMO
G8,H8	54 F	Endometrium	Adenocarcinoma	II	T2NOMO
G9,H9	36 F	Endometrium	Undifferentiated carcinoma		T2NOMO
G10,H10	53 F	Endometrium	Adenocarcinoma	II	T2NOMO
G11,H11	45 F	Endometrium	Adenocarcinoma	I~II	T2NOMO
G12,H12	51 F	Endometrium	Adenocarcinoma	III	T2NOMO
G13,H13	68 F	Endometrium	Adenocarcinoma	II	T2NOMO
G14,H14	39 F	Endometrium	Adenocarcinoma	I	T2NOMO
G15,H15	44 F	Endometrium	Stromal sarcoma		
I1,J1	46 F	Endometrium	Adenocarcinoma	III	T1NOMO
I2,J2	43 F	Endometrium	Adenocarcinoma	II~III	T2NOMO
I3,J3	53 F	Endometrium	Adenocarcinoma	III	T3NOMO
I4,J4	67 F	Endometrium	Adenocarcinoma	III	T2NOMO
I5,J5	51 F	Endometrium	Undifferentiated carcinoma		T2N1MO
I6,J6	42 F	Endometrium	Adenocarcinoma	II	T1NOMO
I7,J7	52 F	Endometrium	Adenocarcinoma	III	T1NOMO
I8,J8	66 F	Endometrium	Undifferentiated carcinoma		T2NOMO
I9,J9	60 F	Endometrium	Adenocarcinoma	III	T1NOMO
I10,J10	54 F	Endometrium	Adenocarcinoma	II	T1NOMO
I11,J11	33 F	Endometrium	Adenocarcinoma	I~II	T1NOMO
I12,J12	60 F	Endometrium	Adenocarcinoma	I~II	T1NOMO
I13,J13	58 F	Endometrium	Squamous cell carcinoma	II~III	T1NOMO
I14,J14	43 F	Endometrium	Adenocarcinoma	II	T1NOMO
I15,J15	40 F	Endometrium	Adenocarcinoma	II	T2NOMO

Notes: Please bake the slides at 60C for 30 minutes before use. If antigen retrieving is needed, it is always a good idea to start with a protocol with weak to mild strength.

Certified by: Langxing Pan, 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 involve 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
- 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		