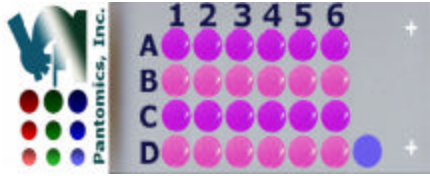


EMC241 - Endometrial cancer/adjacent paired tissue array

Lot#	Cores	Size	Cut	Format	QA/QC
EMC24101	24	2.5mm	4um	4X6	H&E, IHC anti-Cytokeratin



Recommended applications: For Research use only. Designed for endometrium normal vs cancer RNA or protein tissue profiling using IHC or *ISH*.

Description: 12 cases of endometrial cancer (purple) with corresponding uninvolved tissues (pink) from the same patients as controls. 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.

Array position	Sex	Age	Pathology	Stage (TNM)	Anatomic site
A1	F	44	Adenocarcinoma grade II	T1NOMO	Endometrium
B1	F	44	Uninvolved endometrial tissue of A1	-	Endometrium
A2	F	56	Adenocarcinoma grade II	T1NOMO	Endometrium
B2	F	56	Uninvolved endometrial tissue of A2	-	Endometrium
A3	F	51	Adenocarcinoma grade I~II	T1NOMO	Endometrium
B3	F	51	Uninvolvedendometrial tissue of A3	-	Endometrium
A4	F	36	Adenocarcinoma grade II~III	T1NOMO	Endometrium
B4	F	36	Uninvolved endometrial tissue of A4	-	Endometrium
A5	F	40	Adenocarcinoma grade II~III	T2N1MO	Endometrium
B5	F	40	Uninvolved endometrial tissue of A5	-	Endometrium
A6	F	60	Adenocarcinoma grade II~III	T1NOMO	Endometrium
B6	F	60	Uninvolved endometrial tissue of A6	-	Endometrium
C1	F	49	Adenocarcinoma grade II~III	T1N1MO	Endometrium
D1	F	49	Uninvolved endometrial tissue of C1	-	Endometrium
C2	F	45	Adenocarcinoma grade III	T2NOMO	Endometrium
D2	F	45	Uninvolved endometrial tissue of C2	-	Endometrium
C3	F	46	Adenocarcinoma grade III	T3NOMO	Endometrium
D3	F	46	Uninvolved endometrial tissue of C3	-	Endometrium
C4	F	51	Adenocarcinoma grade III	T3N1MO	Endometrium
D4	F	51	Uninvolved endometrial tissue of C4	-	Endometrium
C5	F	53	Adenocarcinoma grade III	T2N1MO	Endometrium
D5	F	53	Uninvolved endometrial tissue of C5	-	Endometrium
C6	F	56	Adenocarcinoma grade III	T1NOMO	Endometrium
D6	F	56	Uninvolved endometrial tissue of C6	-	Endometrium

Notes: Bake 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: 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		