



**Cat No: CXC961 - Cervical cancer tissue array**

Lot#	Cores	Size	Cut	Format	QA/QC	
CXC96101	96	1.5mm	4um	8X12	H&E, IHC anti-Cytokeratin	

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

**Description:** Cervical cancer tissue array, 96 cores including 36 cases (purple/blue) of cervix cancers and 12 cases of normal and inflammatory tissues of the cervix (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 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	45	F	Cervix	Normal		
A2,B2	44	F	Cervix	Normal		
A3,B3	50	F	Cervix	Normal		
A4,B4	77	F	Cervix	Normal		
A5,B5	60	F	Cervix	Chronic cervicitis		
A6,B6	46	F	Cervix	Chronic cervicitis		
A7,B7	35	F	Cervix	Cervical polyp		
A8,B8	49	F	Cervix	Cervical polyp		
A9,B9	39	F	Cervix	Cervical polyp		
A10,B10	34	F	Cervix	Carcinoma in situ*		TisN0M0
A11,B11	54	F	Cervix	Carcinoma in situ*		TisN0M0
A12,B12	41	F	Cervix	Carcinoma in situ*		TisN0M0
C1,D1	39	F	Cervix	Squamous cell carcinoma		T1N0M0
C2,D2	41	F	Cervix	Squamous cell carcinoma	I	T1N1M0
C3,D3	60	F	Cervix	Squamous cell carcinoma	I	T1N0M0
C4,D4	41	F	Cervix	Squamous cell carcinoma	I	T1N0M0
C5,D5	44	F	Cervix	Squamous cell carcinoma	II	T1N0M0
C6,D6	37	F	Cervix	Squamous cell carcinoma	II	T1N0M0
C7,D7	74	F	Cervix	Squamous cell carcinoma	II	T1N0M0
C8,D8	41	F	Cervix	Squamous cell carcinoma	II	T1N0M0
C9,D9	35	F	Cervix	Squamous cell carcinoma	II	T1N0M0
C10,D10	39	F	Cervix	Squamous cell carcinoma	II	T1N0M0
C11,D11	57	F	Cervix	Squamous cell carcinoma	II	T1N0M0
C12,D12	43	F	Cervix	Squamous cell carcinoma	II	T1N0M0
E1,F1	45	F	Cervix	Squamous cell carcinoma	II	T1N0M0
E2,F2	51	F	Cervix	Squamous cell carcinoma	III	T1N0M0
E3,F3	38	F	Cervix	Squamous cell carcinoma	III	T2N0M0
E4,F4	74	F	Cervix	Squamous cell carcinoma	III	T1N0M0
E5,F5	40	F	Cervix	Squamous cell carcinoma	III	T1N1M0
E6,F6	38	F	Cervix	Squamous cell carcinoma	III	T1N0M0
E7,F7	43	F	Cervix	Squamous cell carcinoma	III	T1N0M0
E8,F8	40	F	Cervix	Squamous cell carcinoma	III	T1N0M0
E9,F9	36	F	Cervix	Squamous cell carcinoma	III	T1N0M0



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E10,F10	30	F	Cervix	Squamous cell carcinoma	III	T1NOMO
E11,F11	58	F	Cervix	Squamous cell carcinoma	III	T1NOMO
E12,F12	52	F	Cervix	Squamous cell carcinoma	III	T1NOMO
G1,H1	25	F	Cervix	Squamous cell carcinoma	III	T1NOMO
G2,H2	27	?	Cervix	Squamous cell carcinoma	III	T2N1M0
G3,H3	40	?	Cervix	Squamous cell carcinoma	III	T1NOMO
G4,H4	36	?	Cervix	Squamous cell carcinoma	III	T1NOMO
G5,H5	56	?	Cervix	Adenosquamous carcinoma		T1NOMO
G6,H6	31	?	Cervix	Adenosquamous carcinoma		T1NOMO
G7,H7	40	?	Cervix	Adenosquamous carcinoma		T1NOMO
G8,H8	48	?	Cervix	Adenosquamous carcinoma		T1NOMO
G9,H9	47	?	Cervix	Adenocarcinoma	II	T1NOMO
G10,H10	34	?	Cervix	Adenocarcinoma	II	T1NOMO
G11,H11	36	?	Cervix	Adenocarcinoma	II	T1NOMO
G12,H12	52	?	Cervix	Adenocarcinoma	II	T1NOMO

**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.

\* - Small tissue samples. Cores may be missing.

**Certified by:** Fancai Li, M.D.

## TNM Classification: Cervical carcinoma

### T- Primary tumor

TX - Primary tumor cannot be assessed

TO - No evidence of primary tumor

Tis - Carcinoma in situ

T1 - Cervical carcinoma confined to uterus (extension to corpus should be disregarded)

T1a Invasive carcinoma diagnosed only by microscopy. Stromal invasion with a maximum depth of 5.0mm measured from the base of the epithelium and a horizontal spread of 7.0mm or less. Vascular space involvement, venous or



lymphatic, does not affect classification?

T1a1 Measured stromal invasion 3.0mm or less in depth and 7.0mm or less in horizontal Spread.

T1a2 Measured stromal invasion more than 3.0mm and not more than 5.0mm with a horizontal spread 7.0mm or less.

T1b Clinically visible lesion confined to the cervix or microscopic lesion greater than T1a/IA2.

T1 b1 Clinically visible lesion 4.0cm or less in greatest dimension.

T1b2 Clinically visible lesion more than 4.0cm in greatest dimension.

T2 - Cervical carcinoma invades beyond uterus but not to pelvic wall or to lower third of vagina

T2a Tumor without parametrial invasion

T2b Tumor with parametrial invasion

T3 - Tumor extends to pelvic wall and/or involves lower third of vagina, and/or causes hydronephrosis or non-functioning kidney

T3a Tumor involves lower third of vagina, no extension to pelvic wall

T3b Tumor extends to pelvic wall and/or causes hydronephrosis or non-functioning kidney

T4 - Tumor invades mucosa of bladder or rectum, and/or extends beyond true pelvis (bullous edema is not sufficient to classify a tumor as T4)

#### **N - Regional lymph nodes**

NX - Regional lymph nodes cannot be assessed

NO - No regional lymph node metastasis

N1 - Regional lymph node metastasis

#### **M - Distant metastasis**

MX - Distant metastasis cannot be assessed

MO - No distant metastasis

M1 - Distant metastasis