



Cat No: CXC962 - Cervical cancer tissue array

Lot#	Cores	Size	Cut	Format	QA/QC	
CXC96201	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, non-overlapping with CXC961, 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	34	F	cervix	Normal		
A2,B2	41	F	cervix	Normal		
A3,B3	44	F	cervix	Normal		
A4,B4		F	cervix	Normal		
A5,B5	47	F	cervix	Polyps		
A6,B6	43	F	cervix	Polyps		
A7,B7	49	F	cervix	Chronic cervicitis		
A8,B8	69	F	cervix	Chronic cervicitis		
A9,B9	44	F	cervix	Chronic cervicitis		
A10,B10	34	F	cervix	Carcinoma in situ*		TisN0M0
A11,B11	50	F	cervix	Carcinoma in situ*		TisN0M0
A12,B12	30	F	cervix	Carcinoma in situ*		TisN0M0
C1,D1	32	F	cervix	Squamous cell carcinoma	I~II	T1N0M0
C2,D2	59	F	cervix	Squamous cell carcinoma	II	T1N0M0
C3,D3	56	F	cervix	Squamous cell carcinoma	II	T1N0M0
C4,D4	46	F	cervix	Squamous cell carcinoma	II	T1N0M0
C5,D5	44	F	cervix	Squamous cell carcinoma	II	T2N1M0
C6,D6	43	F	cervix	Squamous cell carcinoma	II	T1N1M0
C7,D7	63	F	cervix	Squamous cell carcinoma	II	T1N0M0
C8,D8	44	F	cervix	Squamous cell carcinoma	II	T1N0M0
C9,D9	50	F	cervix	Squamous cell carcinoma	II	T1N1M0
C10,D10	55	F	cervix	Squamous cell carcinoma	II	T1N0M0
C11,D11	67	F	cervix	Squamous cell carcinoma	II	T1N0M0
C12,D12	38	F	cervix	Squamous cell carcinoma	II	T1N0M0
E1,F1	52	F	cervix	Squamous cell carcinoma	II	T1N0M0
E2,F2	42	F	cervix	Squamous cell carcinoma	II	T1N0M0
E3,F3	34	F	cervix	Squamous cell carcinoma	II	T1N0M0
E4,F4	70	F	cervix	Squamous cell carcinoma	II~III	T1N0M0
E5,F5	43	F	cervix	Squamous cell carcinoma	II~III	T1N0M0
E6,F6	28	F	cervix	Squamous cell carcinoma	II~III	T2N0M0
E7,F7	31	F	cervix	Squamous cell carcinoma	II~III	T1N0M0
E8,F8	31	F	cervix	Squamous cell carcinoma	II~III	T2N0M0
E9,F9	26	F	cervix	Squamous cell carcinoma	II~III	T1N0M0



Advancing Biomedical Science Through Tissue Arrays

E10,F10	53	F	cervix	Squamous cell carcinoma	II-III	T1NOMO
E11,F11	34	F	cervix	Squamous cell carcinoma	II-III	T1NOMO
E12,F12	50	F	cervix	Squamous cell carcinoma	II-III	T1NOMO
G1,H1	52	F	cervix	Squamous cell carcinoma	III	T1NOMO
G2,H2	31	F	cervix	Squamous cell carcinoma	III	T2N1M0
G3,H3	53	F	cervix	Squamous cell carcinoma	III	T1N1M0
G4,H4	22	F	cervix	Squamous cell carcinoma	III	T2NOMO
G5,H5	40	F	cervix	Squamous cell carcinoma	III	T1NOMO
G6,H6	44	F	cervix	Squamous cell carcinoma	III	T1NOMO
G7,H7	48	F	cervix	Undifferentiated cacinoma	III	T1NOMO
G8,H8	52	F	cervix	Undifferentiated cacinoma	III	T1NOMO
G9,H9	27	F	cervix	Adenosquamous carcinoma		T2N1M0
G10,H10	33	F	cervix	Adenosquamous carcinoma		T1NOMO
G11,H11	24	F	cervix	Adenocarcinoma	II-III	T1NOMO
G12,H12	54	F	cervix	Metasta ses from ovarian carcinoma		

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