



Cat No: CXC481 – Cervical cancer tissue array with paired normal tissues, 48 samples (2mm)

Lot#	Cores	Size	Cut	Format	QA/QC
CXC48101	48	2mm	4um	6X8	H&E, IHC anti-Cytokeratin

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

Description: Cervical cancer tissue array, 16 cases, 48 cores, one normal (pink) paired with two tumor tissue cores (purple) 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	49	Uterus, cervix	Squamous cell carcinoma	I	T1N0M0
A02	F	33	Uterus, cervix	Squamous cell carcinoma	I~II	T1N1M0
A03	F	57	Uterus, cervix	Squamous cell carcinoma	II~III	T1N1M0
A04	F	44	Uterus, cervix	Squamous cell carcinoma	II	T1N0M0
A05	F	54	Uterus, cervix	Squamous cell carcinoma	II	T1N0M0
A06	F	42	Uterus, cervix	Mucinous adenocarcinoma	II	T2N1M0
A07	F	46	Uterus, cervix	Squamous cell carcinoma	II	T1N0M0
A08	F	40	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
B01	F	49	Uterus, cervix	Squamous cell carcinoma	I	T1N0M0
B02	F	33	Uterus, cervix	Squamous cell carcinoma	I~II	T1N1M0
B03	F	57	Uterus, cervix	Squamous cell carcinoma	II~III	T1N1M0
B04	F	44	Uterus, cervix	Squamous cell carcinoma	II	T1N0M0
B05	F	54	Uterus, cervix	Squamous cell carcinoma	II	T1N0M0
B06	F	42	Uterus, cervix	Mucinous adenocarcinoma	II	T2N1M0
B07	F	46	Uterus, cervix	Squamous cell carcinoma	II	T1N0M0
B08	F	40	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
C01	F	49	Uterus, cervix	Uninvolved cervix tissue of A1, B1	null	null
C02	F	33	Uterus, cervix	Uninvolved cervix tissue of A2, B2	null	null
C03	F	57	Uterus, cervix	Uninvolved cervix tissue of A3, B3	null	null
C04	F	44	Uterus, cervix	Uninvolved cervix tissue of A4, B4	null	null
C05	F	54	Uterus, cervix	Uninvolved cervix tissue of A5, B5	null	null
C06	F	42	Uterus, cervix	Uninvolved cervix tissue of A6, B6	null	null
C07	F	46	Uterus, cervix	Uninvolved cervix tissue of A7, B7	null	null
C08	F	40	Uterus, cervix	Uninvolved cervix tissue of A8, B8	null	null
D01	F	49	Uterus, cervix	Squamous cell carcinoma	III	T2N1M0
D02	F	45	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
D03	F	57	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
D04	F	46	Uterus, cervix	Squamous cell carcinoma	III	T1N1M0
D05	F	56	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
D06	F	48	Uterus, cervix	Squamous cell carcinoma	II~III	T1N0M0
D07	F	40	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
D08	F	41	Uterus, cervix	Adenosquamous carcinoma	null	T1N0M0
E01	F	49	Uterus, cervix	Squamous cell carcinoma	III	T2N1M0
E02	F	45	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
E03	F	57	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0



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E04	F	46	Uterus, cervix	Squamous cell carcinoma	III	T1N1M0
E05	F	56	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
E06	F	48	Uterus, cervix	Squamous cell carcinoma	II~III	T1N0M0
E07	F	40	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
E08	F	41	Uterus, cervix	Adenosquamous carcinoma	null	T1N0M0
F01	F	49	Uterus, cervix	Uninvolved cervix tissue of D1, E1	null	null
F02	F	45	Uterus, cervix	Uninvolved cervix tissue of D2, E2	null	null
F03	F	57	Uterus, cervix	Uninvolved cervix tissue of D3, E3	null	null
F04	F	46	Uterus, cervix	Uninvolved cervix tissue of D4, E4	null	null
F05	F	56	Uterus, cervix	Uninvolved cervix tissue of D5, E5	null	null
F06	F	48	Uterus, cervix	Uninvolved cervix tissue of D6, E6	null	null
F07	F	40	Uterus, cervix	Uninvolved cervix tissue of D7, E7	null	null
F08	F	41	Uterus, cervix	Uninvolved cervix tissue of D8, E8	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.

Certified by: Langxing Pan, 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