

Data Sheet

Product Name: Cervical Tumor Tissue Array - Duplicated 70 cases of cervical cancer and 5 cases of normal and other non-malignant cervical tissues.

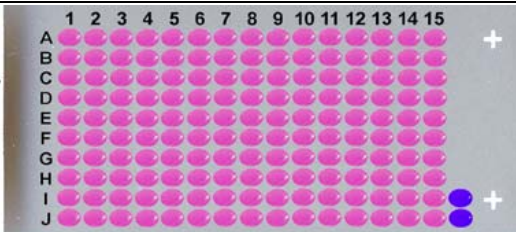
Catalog No.: Z7020013

Lot No.: C603394

Species: Human Mouse Rat Monkey (Rh) Guinea Pig Porcine
 Bovine Hamster Dog Monkey (Cy) Rabbit Plant

Tissue Type: Normal Adult Fetal Tumor Disease

Tissue Array Diagram:

Cores	Size	Cut	Format	QA/QC	
150	1.1 mm	4 µm	10X15	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, 150 cores including 75 cases of uninvolved and neoplastic tissues of the cervix 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 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.

Position	Sex	Age	Anatomic Site	Pathology	Grade	Stage (TNM)
A01	F	41	Uterus, cervix	Normal		
A02	F	41	Uterus, cervix	Normal		
A03	F	44	Uterus, cervix	Normal		
A04	F	45	Uterus, cervix	Normal		
A05	F	69	Uterus, cervix	Atypical hyperplasia		
A06	F	50	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
A07	F	75	Uterus, cervix	Squamous cell carcinoma	II	T1N0M0
A08	F	40	Uterus, cervix	Adenocarcinoma	II~III	T1N0M0
A09	F	59	Uterus, cervix	Squamous cell carcinoma	II	T1N0M0
A10	F	56	Uterus, cervix	Squamous cell carcinoma	II	T1N1M0
A11	F	50	Uterus, cervix	Adenocarcinoma	II~III	T1N0M0
A12	F	44	Uterus, cervix	Squamous cell carcinoma	II	T2N1M0
A13	F	38	Uterus, cervix	Squamous cell carcinoma	I~II	T1N0M0
A14	F	43	Uterus, cervix	Squamous cell carcinoma	II~III	T2N1M0
A15	F	43	Uterus, cervix	Squamous cell carcinoma	II~III	T1N0M0
B01	F	41	Uterus, cervix	Normal		
B02	F	41	Uterus, cervix	Normal		
B03	F	44	Uterus, cervix	Normal		
B04	F	45	Uterus, cervix	Normal		
B05	F	69	Uterus, cervix	Atypical hyperplasia		
B06	F	50	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0

B07	F	75	Uterus, cervix	Squamous cell carcinoma	II	T1N0M0
B08	F	40	Uterus, cervix	Adenocarcinoma	II~III	T1N0M0
B09	F	59	Uterus, cervix	Squamous cell carcinoma	II	T1N0M0
B10	F	56	Uterus, cervix	Squamous cell carcinoma	II	T1N1M0
B11	F	50	Uterus, cervix	Adenocarcinoma	II~III	T1N0M0
B12	F	44	Uterus, cervix	Squamous cell carcinoma	II	T2N1M0
B13	F	38	Uterus, cervix	Squamous cell carcinoma	I~II	T1N0M0
B14	F	43	Uterus, cervix	Squamous cell carcinoma	II~III	T2N1M0
B15	F	43	Uterus, cervix	Squamous cell carcinoma	II~III	T1N0M0
C01	F	40	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
C02	F	34	Uterus, cervix	Carcinoma in situ		TisN0M0
C03	F	52	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
C04	F	57	Uterus, cervix	Squamous cell carcinoma	III	T1N1M0
C05	F	41	Uterus, cervix	Squamous cell carcinoma	I~II	T1N0M0
C06	F	28	Uterus, cervix	Squamous cell carcinoma	II~III	T1N0M0
C07	F	60	Uterus, cervix	Squamous cell carcinoma	I~II	T1N0M0
C08	F	56	Uterus, cervix	Adenosquamous carcinoma	II	T1N1M0
C09	F	25	Uterus, cervix	Squamous cell carcinoma	III	T1N1M0
C10	F	51	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
C11	F	43	Uterus, cervix	Squamous cell carcinoma	III	T1N1M0
C12	F	39	Uterus, cervix	Squamous cell carcinoma	II	T1N0M0
C13	F	39	Uterus, cervix	Squamous cell carcinoma	II~III	T1N0M0
C14	F	54	Uterus, cervix	Carcinoma in situ	I	TisN0M0
C15	F	41	Uterus, cervix	Squamous cell carcinoma	I~II	T1N1M0
D01	F	40	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
D02	F	34	Uterus, cervix	Carcinoma in situ		TisN0M0
D03	F	52	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
D04	F	57	Uterus, cervix	Squamous cell carcinoma	III	T1N1M0
D05	F	41	Uterus, cervix	Squamous cell carcinoma	I~II	T1N0M0
D06	F	28	Uterus, cervix	Squamous cell carcinoma	II~III	T1N0M0
D07	F	60	Uterus, cervix	Squamous cell carcinoma	I~II	T1N0M0
D08	F	56	Uterus, cervix	Adenosquamous carcinoma	II	T1N1M0
D09	F	25	Uterus, cervix	Squamous cell carcinoma	III	T1N1M0
D10	F	51	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
D11	F	43	Uterus, cervix	Squamous cell carcinoma	III	T1N1M0
D12	F	39	Uterus, cervix	Squamous cell carcinoma	II	T1N0M0
D13	F	39	Uterus, cervix	Squamous cell carcinoma	II~III	T1N0M0
D14	F	54	Uterus, cervix	Carcinoma in situ	I	TisN0M0
D15	F	41	Uterus, cervix	Squamous cell carcinoma	I~II	T1N1M0
E01	F	51	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
E02	F	38	Uterus, cervix	Squamous cell carcinoma	III	T2N0M0
E03	F	64	Uterus, cervix	Squamous cell carcinoma	III	T3N1M0
E04	F	40	Uterus, cervix	Squamous cell carcinoma	II~III	T1N0M0
E05	F	34	Uterus, cervix	Adenocarcinoma	II	T1N0M0
E06	F	35	Uterus, cervix	Squamous cell carcinoma	II	T1N1M0
E07	F	36	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
E08	F	38	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
E09	F	40	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
E10	F	70	Uterus, cervix	Squamous cell carcinoma	II~III	T1N0M0
E11	F	41	Uterus, cervix	Squamous cell carcinoma		T1N0M0
E12	F	27	Uterus, cervix	Squamous cell carcinoma	III	T1N1M0
E13	F	48	Uterus, cervix	Adenosquamous carcinoma		T1N0M0
E14	F	25	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
E15	F	59	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
F01	F	51	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
F02	F	38	Uterus, cervix	Squamous cell carcinoma	III	T2N0M0
F03	F	64	Uterus, cervix	Squamous cell carcinoma	III	T3N1M0
F04	F	40	Uterus, cervix	Squamous cell carcinoma	II~III	T1N0M0

F05	F	34	Uterus, cervix	Adenocarcinoma	II	T1N0M0
F06	F	35	Uterus, cervix	Squamous cell carcinoma	II	T1N1M0
F07	F	36	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
F08	F	38	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
F09	F	40	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
F10	F	70	Uterus, cervix	Squamous cell carcinoma	II ~ III	T1N0M0
F11	F	41	Uterus, cervix	Squamous cell carcinoma		T1N0M0
F12	F	27	Uterus, cervix	Squamous cell carcinoma	III	T1N1M0
F13	F	48	Uterus, cervix	Adenosquamous carcinoma		T1N0M0
F14	F	25	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
F15	F	59	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
G01	F	52	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
G02	F	40	Uterus, cervix	Squamous cell carcinoma	II	T1N1M0
G03	F	40	Uterus, cervix	Adenocarcinoma	II ~ III	T1N0M0
G04	F	58	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
G05	F	37	Uterus, cervix	Squamous cell carcinoma	II ~ III	T1N0M0
G06	F	31	Uterus, cervix	Adenosquamous carcinoma	II	T1N0M0
G07	F	58	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
G08	F	47	Uterus, cervix	Adenocarcinoma	II ~ III	T1N0M0
G09	F	44	Uterus, cervix	Squamous cell carcinoma	II	T1N0M0
G10	F	30	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
G11	F	45	Uterus, cervix	Squamous cell carcinoma	II ~ III	T1N1M0
G12	F	43	Uterus, cervix	Squamous cell carcinoma	II	T1N0M0
G13	F	36	Uterus, cervix	Adenosquamous carcinoma		T1N0M0
G14	F	31	Uterus, cervix	Squamous cell carcinoma	II ~ III	T2N0M0
G15	F	53	Uterus, cervix	Squamous cell carcinoma	I ~ II	T1N0M0
H01	F	52	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
H02	F	40	Uterus, cervix	Squamous cell carcinoma	II	T1N1M0
H03	F	40	Uterus, cervix	Adenocarcinoma	II ~ III	T1N0M0
H04	F	58	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
H05	F	37	Uterus, cervix	Squamous cell carcinoma	II ~ III	T1N0M0
H06	F	31	Uterus, cervix	Adenosquamous carcinoma	II	T1N0M0
H07	F	58	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
H08	F	47	Uterus, cervix	Adenocarcinoma	II ~ III	T1N0M0
H09	F	44	Uterus, cervix	Squamous cell carcinoma	II	T1N0M0
H10	F	30	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
H11	F	45	Uterus, cervix	Squamous cell carcinoma	II ~ III	T1N1M0
H12	F	43	Uterus, cervix	Squamous cell carcinoma	II	T1N0M0
H13	F	36	Uterus, cervix	Adenosquamous carcinoma		T1N0M0
H14	F	31	Uterus, cervix	Squamous cell carcinoma	II ~ III	T2N0M0
H15	F	53	Uterus, cervix	Squamous cell carcinoma	I ~ II	T1N0M0
I01	F	53	Uterus, cervix	Squamous cell carcinoma	III	T1N1M0
I02	F	63	Uterus, cervix	Squamous cell carcinoma	II	T1N0M0
I03	F	32	Uterus, cervix	Squamous cell carcinoma	I ~ II	T1N0M0
I04	F	44	Uterus, cervix	Squamous cell carcinoma	II	T1N0M0
I05	F	31	Uterus, cervix	Squamous cell carcinoma	II ~ III	T1N1M0
I06	F	22	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
I07	F	24	Uterus, cervix	Adenocarcinoma	II ~ III	T1N1M0
I08	F	26	Uterus, cervix	Squamous cell carcinoma	II ~ III	T1N0M0
I09	F	34	Uterus, cervix	Squamous cell carcinoma	II	T1N0M0
I10	F	53	Uterus, cervix	Squamous cell carcinoma	II ~ III	T1N0M0
I11	F	50	Uterus, cervix	Squamous cell carcinoma	II	T1N1M0
I12	F	55	Uterus, cervix	Squamous cell carcinoma	II	T1N0M0
I13	F	67	Uterus, cervix	Squamous cell carcinoma	II	T1N1M0
I14	F	38	Uterus, cervix	Squamous cell carcinoma	II	T1N1M0
I15	F	34	Uterus, cervix	Squamous cell carcinoma	II ~ III	T1N0M0
J01	F	53	Uterus, cervix	Squamous cell carcinoma	III	T1N1M0
J02	F	63	Uterus, cervix	Squamous cell carcinoma	II	T1N0M0

J03	F	32	Uterus, cervix	Squamous cell carcinoma	I-II	T1N0M0
J04	F	44	Uterus, cervix	Squamous cell carcinoma	II	T1N0M0
J05	F	31	Uterus, cervix	Squamous cell carcinoma	II~III	T1N1M0
J06	F	22	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
J07	F	24	Uterus, cervix	Adenocarcinoma	II~III	T1N1M0
J08	F	26	Uterus, cervix	Squamous cell carcinoma	II~III	T1N0M0
J09	F	34	Uterus, cervix	Squamous cell carcinoma	II	T1N0M0
J10	F	53	Uterus, cervix	Squamous cell carcinoma	II~III	T1N0M0
J11	F	50	Uterus, cervix	Squamous cell carcinoma	II	T1N1M0
J12	F	55	Uterus, cervix	Squamous cell carcinoma	II	T1N0M0
J13	F	67	Uterus, cervix	Squamous cell carcinoma	II	T1N1M0
J14	F	38	Uterus, cervix	Squamous cell carcinoma	II	T1N1M0
J15	F	34	Uterus, cervix	Squamous cell carcinoma	II~III	T1N0M0

Notes: Bake at 60°C for 30 minutes before use. If antigen retrieving is needed, it is important to avoid direct-boiling and high pH or high strength antigen retrieving buffer.

- Small tissue samples. Cores may be missing.

TNM Classification: Cervical carcinoma

T- Primary tumor

- TX - Primary tumor cannot be assessed
- T0 - 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 vixible 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
- N0 - No regional lymph node metastasis
- N1 - Regional lymph node metastasis

M - Distant metastasis

- MX - Distant metastasis cannot be assessed
- M0 - No distant metastasis
- M1 - Distant metastasis

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APPROVED BY: 