



Cat No: **OVC1501 - Ovary cancer tissue array**

Lot#	Cores	Size	Cut	Format	QA/QC	Pantomics, Inc.	
OVC150101	150	1.1mm	4um	10X15	H&E, IHC anti-Cytokeratin		

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

Description: Ovarian cancer tissue array, 150 cores including 75 cases of uninvolved and neoplastic tissues of the ovary 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.**

Array Position	Sex	Age	Anatomic Site	Pathology	Grade	Stage
A01	F	40	Ovary	Normal	null	null
A02	F	40	Ovary	Normal	null	null
A03	F	19	Ovary	Mucinous cystadenoma	null	null
A04	F	35	Ovary	Thecoma	null	null
A05	F	42	Ovary	Borderline serous cystadenoma	null	null
A06	F	53	Ovary	Serous cystadenocarcinoma	III	T3N0M1
A07	F	56	Ovary	Serous cystadenocarcinoma	II~III	T3N0M1
A08	F	40	Ovary	Metastatic colon signet ring cell carcinoma	null	null
A09	F	58	Ovary	Serous cystadenocarcinoma	II~III	T3N0M1
A10	F	50	Ovary	Endometrioid adenocarcinoma	II~III	T3N0M1
A11	F	65	Ovary	Serous cystadenocarcinoma	I	T1N0M0
A12	F	42	Ovary	Endometrioid adenocarcinoma	III	T2N0M0
A13	F	29	Ovary	Endometrioid adenocarcinoma	II	T1N0M0
A14	F	51	Ovary	Endometrioid adenocarcinoma	III	T1N0M0
A15	F	20	Ovary	Serous cystadenocarcinoma	I~II	T1N0M0
B01	F	40	Ovary	Normal	null	null
B02	F	40	Ovary	Normal	null	null
B03	F	19	Ovary	Mucinous cystadenoma	null	null
B04	F	35	Ovary	Thecoma	null	null
B05	F	42	Ovary	Borderline serous cystadenoma	null	null
B06	F	53	Ovary	Serous cystadenocarcinoma	III	T3N0M1
B07	F	56	Ovary	Serous cystadenocarcinoma	II~III	T3N0M1
B08	F	40	Ovary	Metastatic colon signet ring cell carcinoma	null	null
B09	F	58	Ovary	Serous cystadenocarcinoma	II~III	T3N0M1
B10	F	50	Ovary	Endometrioid adenocarcinoma	II~III	T3N0M1
B11	F	65	Ovary	Serous cystadenocarcinoma	I	T1N0M0
B12	F	42	Ovary	Endometrioid adenocarcinoma	III	T2N0M0
B13	F	29	Ovary	Endometrioid adenocarcinoma	II	T1N0M0
B14	F	51	Ovary	Endometrioid adenocarcinoma	III	T1N0M0
B15	F	20	Ovary	Serous cystadenocarcinoma	I~II	T1N0M0
C01	F	47	Ovary	Serous cystadenocarcinoma	III	T1N0M0
C02	F	53	Ovary	Serous cystadenocarcinoma	III	T2N0M0
C03	F	48	Ovary	Endometrioid adenocarcinoma	III	T1N0M0
C04	F	44	Ovary	Endometrioid adenocarcinoma	II~III	T1N0M0
C05	F	51	Ovary	Serous cystadenocarcinoma	III	T3N1M1
C06	F	65	Ovary	Endometrioid adenocarcinoma	II~III	T1N0M0
C07	F	43	Ovary	Serous cystadenocarcinoma	III	T1N0M0
C08	F	45	Ovary	Serous cystadenocarcinoma	II	T3N1M0
C09	F	82	Ovary	Endometrioid adenocarcinoma	II	T1N0M0
C10	F	47	Ovary	Mucinous cystadenocarcinoma	I	T3N1M0

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C11	F	43	Ovary	Mucinous cystadenocarcinoma	III	T2N0M0
C12	F	63	Ovary	Endometrioid adenocarcinoma	III	T2N0M0
C13	F	54	Ovary	Endometrioid adenocarcinoma	III	T2N0M0
C14	F	56	Ovary	Serous cystadenocarcinoma	I	T1N0M0
C15	F	34	Ovary	Serous cystadenocarcinoma	I	T2N0M0
D01	F	47	Ovary	Serous cystadenocarcinoma	III	T1N0M0
D02	F	53	Ovary	Serous cystadenocarcinoma	III	T2N0M0
D03	F	48	Ovary	Endometrioid adenocarcinoma	III	T1N0M0
D04	F	44	Ovary	Endometrioid adenocarcinoma	II~III	T1N0M0
D05	F	51	Ovary	Serous cystadenocarcinoma	III	T3N1M1
D06	F	65	Ovary	Endometrioid adenocarcinoma	II~III	T1N0M0
D07	F	43	Ovary	Serous cystadenocarcinoma	III	T1N0M0
D08	F	45	Ovary	Serous cystadenocarcinoma	II	T3N1M0
D09	F	82	Ovary	Endometrioid adenocarcinoma	II	T1N0M0
D10	F	47	Ovary	Mucinous cystadenocarcinoma	I	T3N1M0
D11	F	43	Ovary	Mucinous cystadenocarcinoma	III	T2N0M0
D12	F	63	Ovary	Endometrioid adenocarcinoma	III	T2N0M0
D13	F	54	Ovary	Endometrioid adenocarcinoma	III	T2N0M0
D14	F	56	Ovary	Serous cystadenocarcinoma	I	T1N0M0
D15	F	34	Ovary	Serous cystadenocarcinoma	I	T2N0M0
E01	F	24	Ovary	Mucinous cystadenocarcinoma	I	T1N0M0
E02	F	58	Ovary	Endometrioid adenocarcinoma	III	T2N0M0
E03	F	25	Ovary	Endometrioid adenocarcinoma	II	T1N0M0
E04	F	51	Ovary	Endometrioid adenocarcinoma	I	T1N0M0
E05	F	25	Ovary	Mucinous cystadenocarcinoma	I	T1N0M0
E06	F	50	Ovary	Endometrioid adenocarcinoma	I	T3N1M1
E07	F	34	Ovary	Endodermal sinus tumor	null	T1N0M0
E08	F	34	Ovary	Endodermal sinus tumor	null	T3N0M1
E09	F	33	Ovary	Serous cystadenocarcinoma	I	T1N0M0
E10	F	52	Ovary	Endometrioid adenocarcinoma	III	T3N0M0
E11	F	42	Ovary	Endometrioid adenocarcinoma	I	T3N0M1
E12	F	68	Ovary	Endometrioid adenocarcinoma	III	T3N1M0
E13	F	17	Ovary	Endometrioid adenocarcinoma	I	T1N0M0
E14	F	38	Ovary	Mucinous cystadenocarcinoma	I	T1N1M0
E15	F	48	Ovary	Mucinous cystadenocarcinoma	III	T1N0M0
F01	F	24	Ovary	Mucinous cystadenocarcinoma	I	T1N0M0
F02	F	58	Ovary	Endometrioid adenocarcinoma	III	T2N0M0
F03	F	25	Ovary	Endometrioid adenocarcinoma	II	T1N0M0
F04	F	51	Ovary	Endometrioid adenocarcinoma	I	T1N0M0
F05	F	25	Ovary	Mucinous cystadenocarcinoma	I	T1N0M0
F06	F	50	Ovary	Endometrioid adenocarcinoma	I	T3N1M1
F07	F	34	Ovary	Endodermal sinus tumor	null	T1N0M0
F08	F	34	Ovary	Endodermal sinus tumor	null	T3N0M1
F09	F	33	Ovary	Serous cystadenocarcinoma	I	T1N0M0
F10	F	52	Ovary	Endometrioid adenocarcinoma	III	T3N0M0
F11	F	42	Ovary	Endometrioid adenocarcinoma	I	T3N0M1
F12	F	68	Ovary	Endometrioid adenocarcinoma	III	T3N1M0
F13	F	17	Ovary	Endometrioid adenocarcinoma	I	T1N0M0
F14	F	38	Ovary	Mucinous cystadenocarcinoma	I	T1N1M0
F15	F	48	Ovary	Mucinous cystadenocarcinoma	III	T1N0M0
G01	F	18	Ovary	Serous cystadenocarcinoma	II	T1N0M0
G02	F	36	Ovary	Leiomyosarcoma?	null	T1N0M0
G03	F	42	Ovary	Serous cystadenocarcinoma	II~III	T2N0M0
G04	F	42	Ovary	Serous cystadenocarcinoma	II~III	T3N0M1
G05	F	23	Ovary	Endodermal sinus tumor	null	null
G06	F	45	Ovary	Serous cystadenocarcinoma	III	T2N0M0
G07	F	18	Ovary	Mucinous cystadenocarcinoma	I	T1N0M0
G08	F	48	Ovary	Serous cystadenocarcinoma	II	T1N0M0
G09	F	49	Ovary	Endometrioid adenocarcinoma	III	T1N0M0
G10	F	51	Ovary	Endometrioid adenocarcinoma	III	T1N0M0
G11	F	48	Ovary	Mucinous cystadenocarcinoma	I	T1N0M0

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G12	F	43	Ovary	Granulosa cell tumor	null	null
G13	F	51	Ovary	Serous cystadenocarcinoma	III	T1N0M0
G14	F	71	Ovary	Endometrioid adenocarcinoma	III	T3N0M1
G15	F	58	Ovary	Endometrioid adenocarcinoma	III	T3N0M1
H01	F	18	Ovary	Serous cystadenocarcinoma	II	T1N0M0
H02	F	36	Ovary	Leiomyosarcoma?	null	T1N0M0
H03	F	42	Ovary	Serous cystadenocarcinoma	II~III	T2N0M0
H04	F	42	Ovary	Serous cystadenocarcinoma	II~III	T3N1M1
H05	F	23	Ovary	Endodermal sinus tumor	null	null
H06	F	45	Ovary	Serous cystadenocarcinoma	III	T2N0M0
H07	F	18	Ovary	Mucinous cystadenocarcinoma	I	T1N0M0
H08	F	48	Ovary	Serous cystadenocarcinoma	II	T1N0M0
H09	F	49	Ovary	Endometrioid adenocarcinoma	III	T1N0M0
H10	F	51	Ovary	Endometrioid adenocarcinoma	III	T1N0M0
H11	F	48	Ovary	Mucinous cystadenocarcinoma	I	T1N0M0
H12	F	43	Ovary	Granulosa cell tumor	null	T1N0M0
H13	F	51	Ovary	Serous cystadenocarcinoma	III	T1N0M0
H14	F	71	Ovary	Endometrioid adenocarcinoma	III	T3N0M1
H15	F	58	Ovary	Endometrioid adenocarcinoma	III	T3N0M1
I01	F	17	Ovary	Dysgerminoma	null	null
I02	F	50	Ovary	Endometrioid adenocarcinoma	III	T1N0M0
I03	F	44	Ovary	Serous cystadenocarcinoma	III	T2N0M0
I04	F	54	Ovary	Serous cystadenocarcinoma	II~III	T3N1M1
I05	F	39	Ovary	Mucinous cystadenocarcinoma	I	T3N0M1
I06	F	39	Ovary	Endometrioid adenocarcinoma	III	T2N0M0
I07	F	53	Ovary	Mucinous cystadenocarcinoma	II	T1N0M0
I08	F	43	Ovary	Endometrioid adenocarcinoma	I	T1N0M0
I09	F	74	Ovary	Serous cystadenocarcinoma	III	T1N0M0
I10	F	52	Ovary	Endometrioid adenocarcinoma	II	T1N0M0
I11	F	56	Ovary	Serous cystadenocarcinoma	III	T3N0M1
I12	F	54	Ovary	Endometrioid adenocarcinoma	III	T3N0M1
I13	F	54	Ovary	Serous cystadenocarcinoma	III	T3N0M1
I14	F	23	Ovary	Mucinous cystadenocarcinoma	I~II	T1N0M0
I15	F	52	Ovary	Clear cell carcinoma	II	T1N0M0
J01	F	17	Ovary	Dysgerminoma	null	null
J02	F	50	Ovary	Endometrioid adenocarcinoma	III	T1N0M0
J03	F	44	Ovary	Serous cystadenocarcinoma	III	T2N0M0
J04	F	54	Ovary	Serous cystadenocarcinoma	II~III	T3N1M1
J05	F	39	Ovary	Mucinous cystadenocarcinoma	I	T3N0M1
J06	F	39	Ovary	Endometrioid adenocarcinoma	III	T2N0M0
J07	F	53	Ovary	Mucinous cystadenocarcinoma	II	T1N0M0
J08	F	43	Ovary	Endometrioid adenocarcinoma	I	T1N0M0
J09	F	74	Ovary	Serous cystadenocarcinoma	III	T1N0M0
J10	F	52	Ovary	Endometrioid adenocarcinoma	II	T1N0M0
J11	F	56	Ovary	Serous cystadenocarcinoma	III	T3N0M1
J12	F	54	Ovary	Endometrioid adenocarcinoma	III	T3N0M1
J13	F	54	Ovary	Serous cystadenocarcinoma	III	T3N0M1
J14	F	23	Ovary	Mucinous cystadenocarcinoma	I~II	T1N0M0
J15	F	52	Ovary	Clear cell carcinoma	II	T1N0M0

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. For availability of complimentary IHC data, please contact us at info@pantomics.com.

Certified by: Fancai Li, M.D.

TNM Classification: Ovary carcinoma

T- Primary tumor

TX - Primary tumor cannot be assessed

TO - No evidence of primary tumor

T1 - Tumor limited to the ovaries

T1a - Tumor limited to one ovary; capsule intact, no tumor invasion on ovarian surface; no malignant cells in ascites or peritoneal washings

T1b - Tumor limited to both ovaries; capsule intact, no tumor invasion on ovarian surface; no malignant cells in ascites or peritoneal washings

T1c - Tumor limited to one or both ovaries with any or the following features; capsule ruptured, tumor on ovarian surface, malignant cells in ascites or peritoneal washing

T2 - Tumor involves one or both ovaries with pelvic extension

T2a - Extension and/or implants on uterus and/or tube(s); no malignant cells in ascites or peritoneal washings

T2b - Extension to other pelvic tissue; no malignant cells in ascites or peritoneal washings

T2c - Pelvic extension (T2a or T2b) with malignant cells in ascites or peritoneal washings

T3 and/or N1 - Tumor involves both ovaries with microscopically confirmed peritoneal metastasis outside the pelvis and/or regional lymph node metastasis

T3a - Microscopic peritoneal metastasis beyond pelvis

T3b - Macroscopic peritoneal metastasis beyond pelvis 2 cm or less in greatest dimension

T3c and/or N1 - Peritoneal metastasis beyond pelvis more than 2 cm in greatest dimension and/or regional lymph node metastasis

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 (exclude peritoneal metastasis)

Comparison between TNM vs. FIGO

TNM category	FIGO stage	TNM category	FIGO stage
T1	I	T3 and/or N1	III
T1a	IA	T3a	IIIA
T1b	IB	T3b	IIIB
T1c	IC	T3c and/or N1	IIIC
T2	II	M1	IV
T2a	IIA		
T2b	IIB		
T2c	IIC		

TNM classification of malignant tumours, Fifth Edition (1997)