



Cat No: **OVC1502 - Ovary cancer tissue array, set2**

Lot#	Cores	Size	Cut	Format	QA/QC	Pantomics, Inc.	
OVC150201	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, set 2, non-overlapping with OVC1501, 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 all have a guaranteed six months' shelf-life at 4C from the date of shipment. There may be >5% tissue core loss, but the core retaining rate should be >90%.

Position	Sex	Age	Anatomic Site	Pathology	Grade	Stage
A01	F	28	Ovary	Normal	null	null
A02	F	35	Ovary	Normal	null	null
A03	F	26	Ovary	Normal	null	null
A04	F	30	Ovary	Normal	null	null
A05	F	27	Ovary	Normal	null	null
A06	F	56	Ovary	Serous cystadenocarcinoma	II	T3N0M1
A07	F	43	Ovary	Granulosa cell tumor		T1N0M0
A08	F	22	Ovary	Mucinous cystadenocarcinoma	I	T1N0M0
A09	F	24	Ovary	Dysgerminoma		T1N0M0
A10	F	68	Ovary	Endometrioid adenocarcinoma	III	T1N0M0
A11	F	51	Ovary	Serous cystadenocarcinoma	II~III	T3N0M1
A12	F	60	Ovary	Serous cystadenocarcinoma	III	T2N0M0
A13	F	61	Ovary	Serous cystadenocarcinoma	I~II	T3N0M1
A14	F	26	Ovary	Serous cystadenocarcinoma	I	T1N0M0
A15	F	24	Ovary	Malignant teratoma		T1N0M0
B01	F	28	Ovary	Normal	null	null
B02	F	35	Ovary	Normal	null	null
B03	F	26	Ovary	Normal	null	null
B04	F	30	Ovary	Normal	null	null
B05	F	27	Ovary	Normal	null	null
B06	F	56	Ovary	Serous cystadenocarcinoma	II	T3N0M1
B07	F	43	Ovary	Granulosa cell tumor		T1N0M0
B08	F	22	Ovary	Mucinous cystadenocarcinoma	I	T1N0M0
B09	F	24	Ovary	Dysgerminoma		T1N0M0
B10	F	68	Ovary	Endometrioid adenocarcinoma	III	T1N0M0
B11	F	51	Ovary	Serous cystadenocarcinoma	II~III	T3N0M1
B12	F	60	Ovary	Serous cystadenocarcinoma	III	T2N0M0
B13	F	61	Ovary	Serous cystadenocarcinoma	I~II	T3N0M1
B14	F	26	Ovary	Serous cystadenocarcinoma	I	T1N0M0
B15	F	24	Ovary	Malignant teratoma		T1N0M0
C01	F	51	Ovary	Endometrioid adenocarcinoma	II	T1N0M0
C02	F	23	Ovary	Granulosa cell tumor		T1N0M0
C03	F	37	Ovary	Dysgerminoma		T1N0M0
C04	F	29	Ovary	Serous cystadenocarcinoma	I	T1N0M0
C05	F	54	Ovary	Serous cystadenocarcinoma	II	T1N0M0
C06	F	57	Ovary	Mucinous cystadenocarcinoma	I	T1N0M0
C07	F	55	Ovary	Granulosa cell tumor		T1N0M0
C08	F	56	Ovary	Serous cystadenocarcinoma	I~II	T3N0M1
C09	F	55	Ovary	Serous cystadenocarcinoma	II	T3N0M1



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C10	F	41	Ovary	Serous cystadenocarcinoma	I	T1N0M0
C11	F	72	Ovary	Serous cystadenocarcinoma	II	T1N0M0
C12	F	30	Ovary	Serous cystadenocarcinoma	I	T1N0M0
C13	F	47	Ovary	Undifferentiated carcinoma		T3N0M1
C14	F	20	Ovary	Endodermal sinus tumor		T3N1M0
C15	F	51	Ovary	Embryonal carcinoma		T1N0M0
D01	F	51	Ovary	Endometrioid adenocarcinoma	II	T1N0M0
D02	F	23	Ovary	Granulosa cell tumor		T1N0M0
D03	F	37	Ovary	Dysgerminoma		T1N0M0
D04	F	29	Ovary	Serous cystadenocarcinoma	I	T1N0M0
D05	F	54	Ovary	Serous cystadenocarcinoma	II	T1N0M0
D06	F	57	Ovary	Mucinous cystadenocarcinoma	I	T1N0M0
D07	F	55	Ovary	Granulosa cell tumor		T1N0M0
D08	F	56	Ovary	Serous cystadenocarcinoma	I~II	T3N0M1
D09	F	55	Ovary	Serous cystadenocarcinoma	II	T3N0M1
D10	F	41	Ovary	Serous cystadenocarcinoma	I	T1N0M0
D11	F	72	Ovary	Serous cystadenocarcinoma	II	T1N0M0
D12	F	30	Ovary	Serous cystadenocarcinoma	I	T1N0M0
D13	F	47	Ovary	Undifferentiated carcinoma		T3N0M1
D14	F	20	Ovary	Endodermal sinus tumor		T3N1M0
D15	F	51	Ovary	Embryonal carcinoma		T1N0M0
E01	F	58	Ovary	Undifferentiated carcinoma		T1N0M0
E02	F	54	Ovary	Undifferentiated carcinoma		T3N0M0
E03	F	51	Ovary	Mucinous cystadenocarcinoma	III	T2N0M0
E04	F	50	Ovary	Mucinous cystadenocarcinoma	II	T2N0M0
E05	F	23	Ovary	Endodermal sinus tumor		T2N0M0
E06	F	54	Ovary	Granulosa cell tumor		T1N0M0
E07	F	54	Ovary	Mucinous cystadenocarcinoma	I~II	T1N0M0
E08	F	44	Ovary	Endometrioid adenocarcinoma	I	T2N0M0
E09	F	44	Ovary	Endometrioid adenocarcinoma	II	T1N0M0
E10	F	34	Ovary	Papillary adenocarcinoma		T2N0M0
E11	F	58	Ovary	Serous cystadenocarcinoma	I~II	T2N0M0
E12	F	51	Ovary	Serous cystadenocarcinoma	II	T2N0M0
E13	F	57	Ovary	Mucinous cystadenocarcinoma	I	T1N0M0
E14	F	31	Ovary	Serous cystadenocarcinoma	I	T1N0M0
E15	F	42	Ovary	Mucinous cystadenocarcinoma	I~II	T1N0M0
F01	F	58	Ovary	Undifferentiated carcinoma		T1N0M0
F02	F	54	Ovary	Undifferentiated carcinoma		T3N0M0
F03	F	51	Ovary	Mucinous cystadenocarcinoma	III	T2N0M0
F04	F	50	Ovary	Mucinous cystadenocarcinoma	II	T2N0M0
F05	F	23	Ovary	Endodermal sinus tumor		T2N0M0
F06	F	54	Ovary	Granulosa cell tumor		T1N0M0
F07	F	54	Ovary	Mucinous cystadenocarcinoma	I~II	T1N0M0
F08	F	44	Ovary	Endometrioid adenocarcinoma	I	T2N0M0
F09	F	44	Ovary	Endometrioid adenocarcinoma	II	T1N0M0
F10	F	34	Ovary	Papillary adenocarcinoma		T2N0M0
F11	F	58	Ovary	Serous cystadenocarcinoma	I~II	T2N0M0
F12	F	51	Ovary	Serous cystadenocarcinoma	II	T2N0M0
F13	F	57	Ovary	Mucinous cystadenocarcinoma	I	T1N0M0
F14	F	31	Ovary	Serous cystadenocarcinoma	I	T1N0M0
F15	F	42	Ovary	Mucinous cystadenocarcinoma	I~II	T1N0M0
G01	F	76	Ovary	Mucinous cystadenocarcinoma	I	T1N0M0
G02	F	41	Ovary	Endometrioid adenocarcinoma	III	T1N0M0
G03	F	50	Ovary	Serous cystadenocarcinoma	I	T1N0M0
G04	F	53	Ovary	Serous cystadenocarcinoma	III	T2N0M0
G05	F	45	Ovary	Mucinous cystadenocarcinoma	I	T3N0M1
G06	F	45	Ovary	Mucinous cystadenocarcinoma	I	T3N0M1
G07	F	7	Ovary	Dysgerminoma		T1N0M0
G08	F	44	Ovary	Mucinous cystadenocarcinoma	I~II	T1N0M0
G09	F	29	Ovary	Serous cystadenocarcinoma	I	T3N0M1
G10	F	59	Ovary	Endometrioid adenocarcinoma	III	T1N0M0



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G11	F	37	Ovary	Granulosa cell tumor		T3N0M1
G12	F	53	Ovary	Endometrioid adenocarcinoma	III	T1N0M0
G13	F	58	Ovary	Serous cystadenocarcinoma	III	T1N0M0
G14	F	46	Ovary	Mucinous cystadenocarcinoma	II	T1N0M0
G15	F	50	Ovary	Serous cystadenocarcinoma	III	T1N0M0
H01	F	76	Ovary	Mucinous cystadenocarcinoma	I	T1N0M0
H02	F	41	Ovary	Endometrioid adenocarcinoma	III	T1N0M0
H03	F	50	Ovary	Serous cystadenocarcinoma	I	T1N0M0
H04	F	53	Ovary	Serous cystadenocarcinoma	III	T2N0M0
H05	F	45	Ovary	Mucinous cystadenocarcinoma	I	T3N0M1
H06	F	45	Ovary	Mucinous cystadenocarcinoma	I	T3N0M1
H07	F	7	Ovary	Dysgerminoma		T1N0M0
H08	F	44	Ovary	Mucinous cystadenocarcinoma	I~II	T1N0M0
H09	F	29	Ovary	Serous cystadenocarcinoma	I	T3N0M1
H10	F	59	Ovary	Endometrioid adenocarcinoma	III	T1N0M0
H11	F	37	Ovary	Granulosa cell tumor		T3N0M1
H12	F	53	Ovary	Endometrioid adenocarcinoma	III	T1N0M0
H13	F	58	Ovary	Serous cystadenocarcinoma	III	T1N0M0
H14	F	46	Ovary	Mucinous cystadenocarcinoma	II	T1N0M0
H15	F	50	Ovary	Serous cystadenocarcinoma	III	T1N0M0
I01	F	55	Ovary	Adenocarcinoma	III	T1N0M0
I02	F	43	Ovary	Endometrioid adenocarcinoma	II	T3N0M0
I03	F	51	Ovary	Serous cystadenocarcinoma	II	T1N0M0
I04	F	65	Ovary	Endometrioid adenocarcinoma	III	T3N1M1
I05	F	59	Ovary	Serous cystadenocarcinoma	II	T3N0M1
I06	F	46	Ovary	Endometrioid adenocarcinoma	III	T1N0M0
I07	F	60	Ovary	Endometrioid adenocarcinoma	III	T3N0M1
I08	F	65	Ovary	Serous cystadenocarcinoma	I~II	T2N0M0
I09	F	57	Ovary	Endometrioid adenocarcinoma	III	T3N0M1
I10	F	66	Ovary	Serous cystadenocarcinoma	II~III	T1N0M0
I11	F	46	Ovary	Serous cystadenocarcinoma	III	T2N0M0
I12	F	53	Ovary	Mucinous cystadenocarcinoma	II	T3N0M1
I13	F	69	Ovary	Undifferentiated carcinoma		T1N0M0
I14	F	53	Ovary	Endometrioid adenocarcinoma	II	T1N0M0
I15	F	36	Ovary	Signet ring cell carcinoma		T1N0M0
J01	F	55	Ovary	Adenocarcinoma	III	T1N0M0
J02	F	43	Ovary	Endometrioid adenocarcinoma	II	T3N0M0
J03	F	51	Ovary	Serous cystadenocarcinoma	II	T1N0M0
J04	F	65	Ovary	Endometrioid adenocarcinoma	III	T3N1M1
J05	F	59	Ovary	Serous cystadenocarcinoma	II	T3N0M1
J06	F	46	Ovary	Endometrioid adenocarcinoma	III	T1N0M0
J07	F	60	Ovary	Endometrioid adenocarcinoma	III	T3N0M1
J08	F	65	Ovary	Serous cystadenocarcinoma	I~II	T2N0M0
J09	F	57	Ovary	Endometrioid adenocarcinoma	III	T3N0M1
J10	F	66	Ovary	Serous cystadenocarcinoma	II~III	T1N0M0
J11	F	46	Ovary	Serous cystadenocarcinoma	III	T2N0M0
J12	F	53	Ovary	Mucinous cystadenocarcinoma	II	T3N0M1
J13	F	69	Ovary	Undifferentiated carcinoma		T1N0M0
J14	F	53	Ovary	Endometrioid adenocarcinoma	II	T1N0M0
J15	F	36	Ovary	Signet ring cell carcinoma		T1N0M0

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. Please check our TNM guide below as a reference. For IHC related information on products that provide them, please contact us at info@pantomics.com for the most up-to-date information

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)