
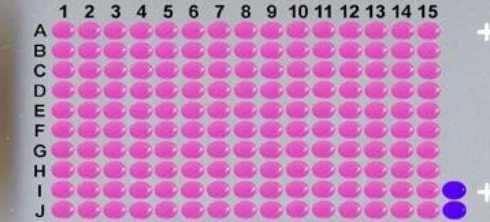


Cat No: OVC1504 - Ovary cancer tissue array

Lot#	Cores	Size	Cut	Format	QA/QC		
OVC150401	150	1.5mm	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	54	Ovary	Normal		
A02	F	46	Ovary	Normal		
A03	F	48	Ovary	Normal		
A04	F	45	Ovary	Normal		
A05	F	49	Ovary	Normal		
A06	F	54	Ovary	Endometrioid carcinoma	III	IVB
A07	F	46	Ovary	Endometrioid carcinoma	III	IA
A08	F	51	Ovary	Endometrioid carcinoma	I	IC
A09	F	52	Ovary	Endometrioid carcinoma	III	IIIC
A10	F	52	Ovary	Endometrioid carcinoma	II	IIA
A11	F	63	Ovary	Endometrioid carcinoma	III	IA
A12	F	62	Ovary	Endometrioid carcinoma	II	IIIC
A13	F	48	Ovary	Endometrioid carcinoma	II	IIIA
A14	F	35	Ovary	Endometrioid carcinoma	I-II	IIIC
A15	F	63	Ovary	Endometrioid carcinoma	II	IIA
B01	F	50	Ovary	Normal		
B02	F	47	Ovary	Normal		
B03	F	46	Ovary	Normal		
B04	F	49	Ovary	Normal		
B05	F	46	Ovary	Normal		
B06	F	54	Ovary	Endometrioid carcinoma	III	IVB
B07	F	46	Ovary	Endometrioid carcinoma	III	IA
B08	F	51	Ovary	Endometrioid carcinoma	I	IC
B09	F	52	Ovary	Endometrioid carcinoma	III	IIIC
B10	F	52	Ovary	Endometrioid carcinoma	II	IIA
B11	F	63	Ovary	Endometrioid carcinoma	III	IA
B12	F	62	Ovary	Endometrioid carcinoma	II	IIIC
B13	F	48	Ovary	Endometrioid carcinoma	II	IIIA
B14	F	35	Ovary	Endometrioid carcinoma	I-II	IIIC
B15	F	63	Ovary	Endometrioid carcinoma	II	IIA



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C01	F	64	Ovary	Endometrioid carcinoma	II	IC
C02	F	44	Ovary	Endometrioid carcinoma	II	IA
C03	F	52	Ovary	Endometrioid carcinoma	III	IIIB
C04	F	50	Ovary	Endometrioid carcinoma	I-II	IA
C05	F	42	Ovary	Endometrioid carcinoma	III	IIA
C06	F	40	Ovary	Mucinous cystadenocarcinoma		IA
C07	F	65	Ovary	Mucinous cystadenocarcinoma		IIIA
C08	F	33	Ovary	Mucinous cystadenocarcinoma		IA
C09	F	67	Ovary	Mucinous cystadenocarcinoma		IA
C10	F	49	Ovary	Mucinous cystadenocarcinoma		IA
C11	F	46	Ovary	Mucinous cystadenocarcinoma		IIA
C12	F	38	Ovary	Mucinous cystadenocarcinoma		IC
C13	F	42	Ovary	Serous cystadenocarcinoma	II-III	IIIC
C14	F	58	Ovary	Serous cystadenocarcinoma	I-II	IIIA
C15	F	51	Ovary	Serous cystadenocarcinoma	II	IB
D01	F	64	Ovary	Endometrioid carcinoma	II	IC
D02	F	44	Ovary	Endometrioid carcinoma	II	IA
D03	F	52	Ovary	Endometrioid carcinoma	III	IIIB
D04	F	50	Ovary	Endometrioid carcinoma	I-II	IA
D05	F	42	Ovary	Endometrioid carcinoma	III	IIA
D06	F	40	Ovary	Mucinous cystadenocarcinoma		IA
D07	F	65	Ovary	Mucinous cystadenocarcinoma		IIIA
D08	F	33	Ovary	Mucinous cystadenocarcinoma		IA
D09	F	67	Ovary	Mucinous cystadenocarcinoma		IA
D10	F	49	Ovary	Mucinous cystadenocarcinoma		IA
D11	F	46	Ovary	Mucinous cystadenocarcinoma		IIA
D12	F	38	Ovary	Mucinous cystadenocarcinoma		IC
D13	F	42	Ovary	Serous cystadenocarcinoma	II-III	IIIC
D14	F	58	Ovary	Serous cystadenocarcinoma	I-II	IIIA
D15	F	51	Ovary	Serous cystadenocarcinoma	II	IB
E01	F	29	Ovary	Serous cystadenocarcinoma	I	IIIA
E02	F	56	Ovary	Serous cystadenocarcinoma	II-III	IIIC
E03	F	46	Ovary	Serous cystadenocarcinoma	III	IIIA
E04	F	41	Ovary	Serous cystadenocarcinoma	III	IIIB
E05	F	52	Ovary	Serous cystadenocarcinoma	III	IIIC
E06	F	56	Ovary	Serous cystadenocarcinoma	III	IIIC
E07	F	62	Ovary	Serous cystadenocarcinoma	III	IIIA
E08	F	43	Ovary	Serous cystadenocarcinoma	III	IIIC
E09	F	56	Ovary	Serous cystadenocarcinoma	II	IVB
E10	F	46	Ovary	Serous cystadenocarcinoma	III	IIIC
E11	F	45	Ovary	Serous cystadenocarcinoma	II	IVB
E12	F	46	Ovary	Serous cystadenocarcinoma	II	IA
E13	F	55	Ovary	Serous cystadenocarcinoma	III	IVB
E14	F	39	Ovary	Serous cystadenocarcinoma	I	IA
E15	F	49	Ovary	Serous cystadenocarcinoma	II-III	IIIC
F01	F	29	Ovary	Serous cystadenocarcinoma	I	IIIA
F02	F	56	Ovary	Serous cystadenocarcinoma	II-III	IIIC



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F03	F	46	Ovary	Serous cystadenocarcinoma	III	IIIA
F04	F	41	Ovary	Serous cystadenocarcinoma	III	IIIB
F05	F	52	Ovary	Serous cystadenocarcinoma	III	IIIC
F06	F	56	Ovary	Serous cystadenocarcinoma	III	IIIC
F07	F	62	Ovary	Serous cystadenocarcinoma	III	IIIA
F08	F	43	Ovary	Serous cystadenocarcinoma	III	IIIC
F09	F	56	Ovary	Serous cystadenocarcinoma	II	IVB
F10	F	46	Ovary	Serous cystadenocarcinoma	III	IIIC
F11	F	45	Ovary	Serous cystadenocarcinoma	II	IVB
F12	F	46	Ovary	Serous cystadenocarcinoma	II	IA
F13	F	55	Ovary	Serous cystadenocarcinoma	III	IVB
F14	F	39	Ovary	Serous cystadenocarcinoma	I	IA
F15	F	49	Ovary	Serous cystadenocarcinoma	II-III	IIIC
G01	F	56	Ovary	Serous cystadenocarcinoma	II-III	IB
G02	F	73	Ovary	Serous cystadenocarcinoma	I-II	IIIC
G03	F	36	Ovary	Serous cystadenocarcinoma	I	IIB
G04	F	57	Ovary	Serous cystadenocarcinoma	III	IC
G05	F	41	Ovary	Serous cystadenocarcinoma	I-II	IIIB
G06	F	56	Ovary	Serous cystadenocarcinoma	II-III	IC
G07	F	63	Ovary	Serous cystadenocarcinoma	II	IA
G08	F	24	Ovary	Serous cystadenocarcinoma	I-II	IIIC
G09	F	46	Ovary	Serous cystadenocarcinoma	III	IIIB
G10	F	46	Ovary	Serous cystadenocarcinoma	II	IB
G11	F	58	Ovary	Serous cystadenocarcinoma	II	IB
G12	F	51	Ovary	Serous cystadenocarcinoma	III	IIIB
G13	F	59	Ovary	Serous cystadenocarcinoma	III	IIIC
G14	F	48	Ovary	Serous cystadenocarcinoma	III	IIA
G15	F	53	Ovary	Serous cystadenocarcinoma	III	IIA
H01	F	56	Ovary	Serous cystadenocarcinoma	II-III	IB
H02	F	73	Ovary	Serous cystadenocarcinoma	I-II	IIIC
H03	F	36	Ovary	Serous cystadenocarcinoma	I	IIB
H04	F	57	Ovary	Serous cystadenocarcinoma	III	IC
H05	F	41	Ovary	Serous cystadenocarcinoma	I-II	IIIB
H06	F	56	Ovary	Serous cystadenocarcinoma	II-III	IC
H07	F	63	Ovary	Serous cystadenocarcinoma	II	IA
H08	F	24	Ovary	Serous cystadenocarcinoma	I-II	IIIC
H09	F	46	Ovary	Serous cystadenocarcinoma	III	IIIB
H10	F	46	Ovary	Serous cystadenocarcinoma	II	IB
H11	F	58	Ovary	Serous cystadenocarcinoma	II	IB
H12	F	51	Ovary	Serous cystadenocarcinoma	III	IIIB
H13	F	59	Ovary	Serous cystadenocarcinoma	III	IIIC
H14	F	48	Ovary	Serous cystadenocarcinoma	III	IIA
H15	F	53	Ovary	Serous cystadenocarcinoma	III	IIA
I01	F	58	Ovary	Serous cystadenocarcinoma	III	IA
I02	F	50	Ovary	Serous cystadenocarcinoma	II	IA
I03	F	45	Ovary	Serous cystadenocarcinoma	II	IIA
I04	F	72	Ovary	Serous cystadenocarcinoma	III	IB



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I05	F	46	Ovary	Serous cystadenocarcinoma	III	IC
I06	F	63	Ovary	Serous cystadenocarcinoma	III	IA
I07	F	57	Ovary	Serous cystadenocarcinoma	III	IIIA
I08	F	47	Ovary	Serous cystadenocarcinoma	III	IVB
I09	F	43	Ovary	Serous cystadenocarcinoma	III	IIIC
I10	F	43	Ovary	Serous cystadenocarcinoma	I	IA
I11	F	49	Ovary	Serous cystadenocarcinoma	III	IIIA
I12	F	53	Ovary	Serous cystadenocarcinoma	III	IC
I13	F	50	Ovary	Serous cystadenocarcinoma	III	IIIA
I14	F	40	Ovary	Serous cystadenocarcinoma	I	IIIC
I15	F	51	Ovary	Serous cystadenocarcinoma,	III	IIIB
J01	F	58	Ovary	Serous cystadenocarcinoma	III	IA
J02	F	50	Ovary	Serous cystadenocarcinoma	II	IA
J03	F	45	Ovary	Serous cystadenocarcinoma	II	IIA
J04	F	72	Ovary	Serous cystadenocarcinoma	III	IB
J05	F	46	Ovary	Serous cystadenocarcinoma	III	IC
J06	F	63	Ovary	Serous cystadenocarcinoma	III	IA
J07	F	57	Ovary	Serous cystadenocarcinoma	III	IIIA
J08	F	47	Ovary	Serous cystadenocarcinoma	III	IVB
J09	F	43	Ovary	Serous cystadenocarcinoma	III	IIIC
J10	F	43	Ovary	Serous cystadenocarcinoma	I	IA
J11	F	49	Ovary	Serous cystadenocarcinoma	III	IIIA
J12	F	53	Ovary	Serous cystadenocarcinoma	III	IC
J13	F	50	Ovary	Serous cystadenocarcinoma	III	IIIA
J14	F	40	Ovary	Serous cystadenocarcinoma	I	IIIC
J15	F	51	Ovary	Serous cystadenocarcinoma,	III	IIIB

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)