



Cat No: **OVC962 - Ovarian cancer tissue array**

Lot#	Cores	Size	Cut	Format	QA/QC	
OVC96201	96	1.5mm	4um	12x8	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, non-overlapping with OVC961, including 48 cases of uninvolved and cancerous 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. Each slide has >95% tissue core retention.

Array position	Age	Sex	Anatomic site	Histology	Grade	Stage (TNM)
A1,B1	40	F	Ovary	Normal		
A2,B2	27	F	Ovary	Normal		
A3,B3	19	F	Ovary	Mucinous cystadenoma		
A4,B4	61	F	Ovary	Boderline mucinous cystadenoma		
A5,B5	53	F	Ovary	Thecoma		
A6,B6	52	F	Ovary	Thecoma		
A7,B7	54	F	Ovary	Thecoma		
A8,B8	67	F	Ovary	Thecoma		
A9,B9	39	F	Ovary	Thecoma		
A10,B10	52	F	Ovary	Granulosa cell tumor		
A11,B11	43	F	Ovary	Granulosa cell tumor		
A12,B12	31	F	Ovary	Teratoma		
C1,D1	56	F	Ovary	Undifferentiated carcinoma		T2N1M0
C2,D2	53	F	Ovary	Serous cystadenocarcinoma	III	T1N0M0
C3,D3	45	F	Ovary	Serous cystadenocarcinoma	II ~ III	T2N0M0
C4,D4	49	F	Ovary	Serous cystadenocarcinoma	II ~ III	T2N0M0
C5,D5	51	F	Ovary	Serous cystadenocarcinoma	II ~ III	T2N0M0
C6,D6	44	F	Ovary	Serous cystadenocarcinoma	II ~ III	T2N0M0
C7,D7	54	F	Ovary	Serous cystadenocarcinoma	III	T2N0M0
C8,D8	74	F	Ovary	Serous cystadenocarcinoma	III	T2N0M0
C9,D9	58	F	Ovary	Serous cystadenocarcinoma	III	T2N0M0
C10,D10	54	F	Ovary	Serous cystadenocarcinoma	III	T2N0M0
C11,D11	82	F	Ovary	Endometrioid adenocarcinoma	I	T1N0M0
C12,D12	43	F	Ovary	Endometrioid adenocarcinoma	I	T2N0M0
E1,F1	52	F	Ovary	Endometrioid adenocarcinoma	II	T1N0M0
E2,F2	44	F	Ovary	Endometrioid adenocarcinoma	II	T1N0M0
E3,F3	51	F	Ovary	Endometrioid adenocarcinoma	II	T1N0M0
E4,F4	51	F	Ovary	Endometrioid adenocarcinoma	III	T2N0M0
E5,F5	71	F	Ovary	Endometrioid adenocarcinoma	III	T3N0M0
E6,F6	58	F	Ovary	Endometrioid adenocarcinoma	III	T2N0M0
E7,F7	50	F	Ovary	Endometrioid adenocarcinoma	III	T2N0M0
E8,F8	39	F	Ovary	Endometrioid adenocarcinoma	III	T2N0M0



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E9,F9	54	F	Ovary	Endometrioid adenocarcinoma	III	T1NOMO
E10,F10	68	F	Ovary	Endometrioid adenocarcinoma	III	T1NOMO
E11,F11	38	F	Ovary	Mucinous cystadenocarcinoma	I	T1NOMO
E12,F12	18	F	Ovary	Mucinous cystadenocarcinoma	I	T2NOMO
G1,H1	48	F	Ovary	Mucinous cystadenocarcinoma	I	T2NOMO
G2,H2	39	F	Ovary	Mucinous cystadenocarcinoma	I	T2NOMO
G3,H3	55	F	Ovary	Mucinous cystadenocarcinoma	I~II	T1NOMO
G4,H4	48	F	Ovary	Mucinous cystadenocarcinoma	II	T2NOMO
G5,H5	53	F	Ovary	Mucinous cystadenocarcinoma	II	T2NOMO
G6,H6	45	F	Ovary	Mucinous cystadenocarcinoma	II	T2NOMO
G7,H7	23	F	Ovary	Endodermal sinus tumor		
G8,H8	48	F	Ovary	Undifferentiated carcinoma		T2NOMO
G9,H9	17	F	Ovary	Dysgerminoma		
G10,H10	61	F	Ovary	Dysgerminoma		
G11,H11	40	F	Ovary	Metastatic signet ring cell carcinoma		
G12,H12	17	F	Ovary	Malignant Teratoma		

**Notes:** Please bake the slides 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.

\* - Cores may be missing due to the nature of the tumor.

**Certified by:** Langxing Pan, 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)