



Cat No: OVD481 – Ovary surface epithelial benign and malignant tumor tissue array, 48 cases (1.5mm)

Lot#	Cores	Size	Cut	Format	QA/QC
OVD48101	48	2mm	4um	6X8	H&E, IHC anti-Cytokeratin

Recommended applications: For Research use only. designed for benign and malignant ovary surface epithelial tumor comparative tissue profiling of RNA or protein using IHC or ISH

Description: Ovary surface epithelial tumor tissue array (1.5mm), 48 cases of ovarian benign and malignant epithelial tumors.

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	Age	Sex	Anatomic site	Pathology	Grade	Stage (TNM)
A01	57	F	Ovary	Mucinous cystadenoma		
A02	19	F	Ovary	Mucinous cystadenoma		
A03	68	F	Ovary	Mucinous cystadenoma		
A04	39	F	Ovary	Mucinous cystadenoma		
A05	52	F	Ovary	Borderline mucinous cystadenoma		
A06	24	F	Ovary	Mucinous cystadenoma		
A07	62	F	Ovary	Mucinous cystadenoma		
A08	45	F	Ovary	Borderline mucinous cystadenoma		
B01	18	F	Ovary	Mucinous cystadenoma		
B02	29	F	Ovary	Serous papillary cystadenoma		
B03	42	F	Ovary	Borderline serous cystadenoma		
B04	50	F	Ovary	Serous cystadenoma		
B05	30	F	Ovary	Serous cystadenoma		
B06	45	F	Ovary	Serous cystadenoma		
B07	44	F	Ovary	Serous cystadenoma		
B08	22	F	Ovary	Serous cystadenoma		
C01	47	F	Ovary	Serous cystadenoma		
C02	54	F	Ovary	Borderline serous cystadenoma		
C03	56	F	Ovary	Borderline mucinous cystadenoma		
C04	54	F	Ovary	Borderline serous cystadenoma		
C05	34	F	Ovary	Borderline serous cystadenoma		
C06	38	F	Ovary	Borderline mucinous cystadenoma		
C07	49	F	Ovary	Borderline serous cystadenoma		
C08	42	F	Ovary	Borderline serous cystadenoma		
D01	56	F	Ovary	Borderline mucinous cystadenoma		
D02	52	F	Ovary	Borderline mucinous cystadenoma		
D03	59	F	Ovary	Borderline mucinous cystadenoma		
D04	55	F	Ovary	Borderline mucinous cystadenoma		
D05	74	F	Ovary	Borderline mucinous cystadenoma		
D06	25	F	Ovary	Borderline mucinous cystadenoma		
D07	45	F	Ovary	Borderline mucinous cystadenoma		
D08	50	F	Ovary	Borderline mucinous cystadenoma		
E01	28	F	Ovary	Borderline serous cystadenoma		
E02	36	F	Ovary	Borderline mixed cystadenoma		
E03	69	F	Ovary	Borderline mucinous cystadenoma		
E04	39	F	Ovary	Borderline mucinous cystadenoma		
E05	45	F	Ovary	Mucinous cystadenocarcinoma	I	T3N0M1
E06	46	F	Ovary	Mucinous cystadenocarcinoma	I	T3N0M0
E07	52	F	Ovary	Mucinous cystadenocarcinoma	II	T1N0M0
E08	53	F	Ovary	Mucinous cystadenocarcinoma	II	T3N0M1



Advancing Biomedical Science Through Tissue Arrays

F01	48	F	Ovary	Mucinous cystadenocarcinoma	III	T1N0M0
F02	61	F	Ovary	Mucinous cystadenocarcinoma	III	T3N0M1
F03	39	F	Ovary	Serous cystadenocarcinoma	I	T1N0M0
F04	51	F	Ovary	Serous cystadenocarcinoma	I	T1N0M0
F05	50	F	Ovary	Serous cystadenocarcinoma	II	T3N0M1
F06	38	F	Ovary	Serous cystadenocarcinoma	II	T1N0M0
F07	41	F	Ovary	Serous cystadenocarcinoma	III	T1N0M0
F08	47	F	Ovary	Serous cystadenocarcinoma	III	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.

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)