

# Data Sheet

**Product Name: Ovary Tumor Tissue Array - Duplicated 36 cases covering all the common types of ovarian cancer and 12 cases of normal and other non-malignant ovarian tissues.**

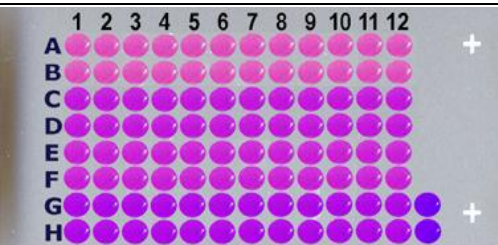
**Catalog No.: Z7020088**

**Lot No.: C503185**

**Species:**  Human  Mouse  Rat  Monkey (Rh)  Guinea Pig  Porcine  
 Bovine  Hamster  Dog  Monkey (Cy)  Rabbit  Plant

**Tissue Type:**  Normal  Adult  Fetal  Tumor  Disease

**Tissue Array Diagram:**

Cores	Size	Cut	Format	QA/QC	
96	1.5 mm	4 µm	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:** Ovary cancer tissue array, 96 cores including 36 cases of ovary cancers and 12 cases of normal and benign tumor 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 4°C from the date of shipment. There maybe <5% core loss per slide but the core retention rate should be >90%.

Position	Sex	Age	Anatomic Site	Pathology	Grade	Stage (TNM)
A01	F	29	Ovary	Normal		
A02	F	50	Ovary	Normal		
A03	F	51	Ovary	Endometrioid adenocarcinoma	III	T1N0M0
A04	F	47	Ovary	Mucinous cystadenoma		
A05	F	35	Ovary	Thecoma		
A06	F	68	Ovary	Mucinous cystadenoma		
A07	F	57	Ovary	Mucinous cystadenoma		
A08	F	67	Ovary	Thecoma		
A09	F	47	Ovary	Thecoma		
A10	F	55	Ovary	Thecoma		
A11	F	43	Ovary	Granulosa cell tumor		
A12	F	52	Ovary	Granulosa cell tumor		
B01	F	29	Ovary	Normal		
B02	F	50	Ovary	Normal		
B03	F	51	Ovary	Endometrioid adenocarcinoma	III	T1N0M0
B04	F	47	Ovary	Mucinous cystadenoma		
B05	F	35	Ovary	Thecoma		
B06	F	68	Ovary	Mucinous cystadenoma		
B07	F	57	Ovary	Mucinous cystadenoma		

B08	F	67	Ovary	Thecoma		
B09	F	47	Ovary	Thecoma		
B10	F	55	Ovary	Thecoma		
B11	F	43	Ovary	Granulosa cell tumor		
B12	F	52	Ovary	Granulosa cell tumor		
C01	F	33	Ovary	Serous cystadenocarcinoma	I	T1N0M0
C02	F	34	Ovary	Serous cystadenocarcinoma	I	T2N0M0
C03	F	56	Ovary	Serous cystadenocarcinoma	I	T1N0M0
C04	F	45	Ovary	Serous cystadenocarcinoma	II	T3N1M0
C05	F	43	Ovary	Serous cystadenocarcinoma	III	T1N0M0
C06	F	51	Ovary	Serous cystadenocarcinoma	III	T3N1M1
C07	F	54	Ovary	Serous cystadenocarcinoma	II	T3N0M1
C08	F	53	Ovary	Serous cystadenocarcinoma	III	T2N0M0
C09	F	22	Ovary	Mucinous cystadenocarcinoma	I	T1N0M0
C10	F	20	Ovary	Serous cystadenocarcinoma	I~II	T1N0M0
C11	F	47	Ovary	Mucinous cystadenocarcinoma	I	T3N1M0
C12	F	43	Ovary	Mucinous cystadenocarcinoma	III	T2N0M0
D01	F	33	Ovary	Serous cystadenocarcinoma	I	T1N0M0
D02	F	34	Ovary	Serous cystadenocarcinoma	I	T2N0M0
D03	F	56	Ovary	Serous cystadenocarcinoma	I	T1N0M0
D04	F	45	Ovary	Serous cystadenocarcinoma	II	T3N1M0
D05	F	43	Ovary	Serous cystadenocarcinoma	III	T1N0M0
D06	F	51	Ovary	Serous cystadenocarcinoma	III	T3N1M1
D07	F	54	Ovary	Serous cystadenocarcinoma	II	T3N0M1
D08	F	53	Ovary	Serous cystadenocarcinoma	III	T2N0M0
D09	F	22	Ovary	Mucinous cystadenocarcinoma	I	T1N0M0
D10	F	20	Ovary	Serous cystadenocarcinoma	I~II	T1N0M0
D11	F	47	Ovary	Mucinous cystadenocarcinoma	I	T3N1M0
D12	F	43	Ovary	Mucinous cystadenocarcinoma	III	T2N0M0
E01	F	18	Ovary	Serous cystadenocarcinoma	II	T1N0M0
E02	F	25	Ovary	Mucinous cystadenocarcinoma	I	T1N0M0
E03	F	24	Ovary	Mucinous cystadenocarcinoma	I	T1N0M0
E04	F	51	Ovary	Endometrioid adenocarcinoma	I	T1N0M0
E05	F	50	Ovary	Endometrioid adenocarcinoma	I	T3N1M1
E06	F	17	Ovary	Endometrioid adenocarcinoma	I	T1N0M0
E07	F	42	Ovary	Endometrioid adenocarcinoma	I	T3N0M1
E08	F	25	Ovary	Endometrioid adenocarcinoma	II	T1N0M0
E09	F	42	Ovary	Serous cystadenocarcinoma	II~III	T3N0M1
E10	F	42	Ovary	Serous cystadenocarcinoma	II~III	T2N0M0
E11	F	42	Ovary	Endometrioid adenocarcinoma	III	T3N0M1
E12	F	63	Ovary	Endometrioid adenocarcinoma	III	T2N0M0
F01	F	18	Ovary	Serous cystadenocarcinoma	II	T1N0M0
F02	F	25	Ovary	Mucinous cystadenocarcinoma	I	T1N0M0
F03	F	24	Ovary	Mucinous cystadenocarcinoma	I	T1N0M0
F04	F	51	Ovary	Endometrioid adenocarcinoma	I	T1N0M0
F05	F	50	Ovary	Endometrioid adenocarcinoma	I	T3N1M1
F06	F	17	Ovary	Endometrioid adenocarcinoma	I	T1N0M0
F07	F	42	Ovary	Endometrioid adenocarcinoma	I	T3N0M1
F08	F	25	Ovary	Endometrioid adenocarcinoma	II	T1N0M0
F09	F	42	Ovary	Serous cystadenocarcinoma	II~III	T3N0M1
F10	F	42	Ovary	Serous cystadenocarcinoma	II~III	T2N0M0
F11	F	42	Ovary	Endometrioid adenocarcinoma	III	T3N0M1
F12	F	63	Ovary	Endometrioid adenocarcinoma	III	T2N0M0
G01	F	48	Ovary	Mucinous cystadenocarcinoma	III	T1N0M0
G02	F	68	Ovary	Endometrioid adenocarcinoma	III	T3N1M0

G03	F	52	Ovary	Endometrioid adenocarcinoma	III	T3N0M0
G04	F	58	Ovary	Endometrioid adenocarcinoma	III	T2N0M0
G05	F	48	Ovary	Metastatic pancreatic adenocarcinoma		
G06	F	57	Ovary	Undifferentiated carcinoma	III	T2N0M0
G07	F	54	Ovary	Endometrioid adenocarcinoma	III	T2N0M0
G08	F	17	Ovary	Dysgerminoma		T2N0M0
G09	F	40	Ovary	Endodermal sinus tumor		T1N0M0
G10	F	34	Ovary	Endodermal sinus tumor		T3N0M1
G11	F	36	Ovary	Leiomyosarcoma		T1N0M0
G12	F	31	Ovary	Teratoma		
H01	F	48	Ovary	Mucinous cystadenocarcinoma	III	T1N0M0
H02	F	68	Ovary	Endometrioid adenocarcinoma	III	T3N1M0
H03	F	52	Ovary	Endometrioid adenocarcinoma	III	T3N0M0
H04	F	58	Ovary	Endometrioid adenocarcinoma	III	T2N0M0
H05	F	48	Ovary	Metastatic pancreatic adenocarcinoma		
H06	F	57	Ovary	Undifferentiated carcinoma	III	T2N0M0
H07	F	54	Ovary	Endometrioid adenocarcinoma	III	T2N0M0
H08	F	17	Ovary	Dysgerminoma		T2N0M0
H09	F	40	Ovary	Endodermal sinus tumor		T1N0M0
H10	F	34	Ovary	Endodermal sinus tumor		T3N0M1
H11	F	36	Ovary	Leiomyosarcoma		T1N0M0
H12	F	31	Ovary	Teratoma		

**Notes:** Please bake the slides at 60°C 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.

## 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)

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APPROVED BY: \_\_\_\_\_

