

# Data Sheet

**Product Name: Esophagus Tumor Tissue Array - 12 cases of esophageal cancer, each in duplicates, paired with adjacent normal tissues**

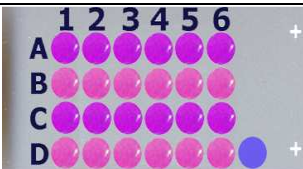
Catalog No.: Z7020027

Lot No.: B507029

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

Tissue Type:  Normal  Adult  Fetal  Tumor  Disease  Cell line

Tissue Array Diagram:

Cores	Size	Cut	Format	QA/QC	
24	2.5 mm	4 µm	4X6	H&E, IHC anti-Cytokeratin	

**Recommended applications:** For Research use only. Designed for esophagus normal vs cancer RNA or protein tissue profiling using IHC or ISH.

**Description:** 12 cases of esophageal cancer with corresponding uninvolved tissues from the same patients as controls. 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.

Position	Sex	Age	Anatomic Site	Pathology	Nature	Grade	Stage (TNM)
A01	M	40	Esophagus	Squamous cell carcinoma	Malignant	I~II	T2N0M0
A02	M	56	Esophagus	Squamous cell carcinoma	Malignant	I~II	T3N0M0
A03	M	64	Esophagus	Squamous cell carcinoma	Malignant	I~II	T3N0M0
A04	M	65	Esophagus	Squamous cell carcinoma	Malignant	II~III	T3N0M0
A05	M	51	Esophagus	Squamous cell carcinoma	Malignant	II	T2N0M0
A06	M	61	Esophagus	Squamous cell carcinoma	Malignant	II~III	T3N1M0
B01	M	40	Esophagus	Uninvolved esophagus tissue of A1	Normal		
B02	M	56	Esophagus	Uninvolved esophagus tissue of A2	Normal		
B03	M	64	Esophagus	Uninvolved esophagus tissue of A3	Normal		
B04	M	65	Esophagus	Uninvolved esophagus tissue of A4	Normal		
B05	M	51	Esophagus	Uninvolved esophagus tissue of A5	Normal		
B06	M	61	Esophagus	Uninvolved esophagus tissue of A6	Normal		
C01	F	57	Esophagus	Squamous cell carcinoma	Malignant	II~III	T2N1M0
C02	M	58	Esophagus	Adenocarcinoma?	Malignant	III	T3N1M0
C03	M	65	Esophagus	Squamous cell carcinoma	Malignant	III	T2N1M0
C04	M	67	Esophagus	Squamous cell carcinoma	Malignant	III	T2N1M0
C05	M	49	Esophagus	Squamous cell carcinoma	Malignant	III	T3N0M0
C06	M	63	Esophagus	Squamous cell carcinoma	Malignant	III	T3N1M0
D01	F	57	Esophagus	Uninvolved esophagus tissue of C1	Normal		
D02	M	58	Esophagus	Uninvolved esophagus tissue of C2	Normal		
D03	M	65	Esophagus	Uninvolved esophagus tissue of C3	Normal		
D04	M	67	Esophagus	Uninvolved esophagus tissue of C4	Normal		
D05	M	49	Esophagus	Uninvolved esophagus tissue of C5	Normal		
D06	M	63	Esophagus	Uninvolved esophagus tissue of C6	Normal		

**Notes:** Bake 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.

**TNM Classification : Esophagus carcinoma****T- Primary tumor**

- TX - Primary tumor cannot be assessed
- TO - No evidence of primary tumor
- Tis - Carcinoma in situ
- T1 - Tumor invades lamina propria or submucosa
- T2 - Tumor invades muscularis propria
- T3 - Tumor invades adventitia
- T4 - Tumor invades adjacent structures

**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

TNM classification of malignant tumours, Fifth Edition (1997)

**FOR IN VITRO RESEARCH USE ONLY**

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

