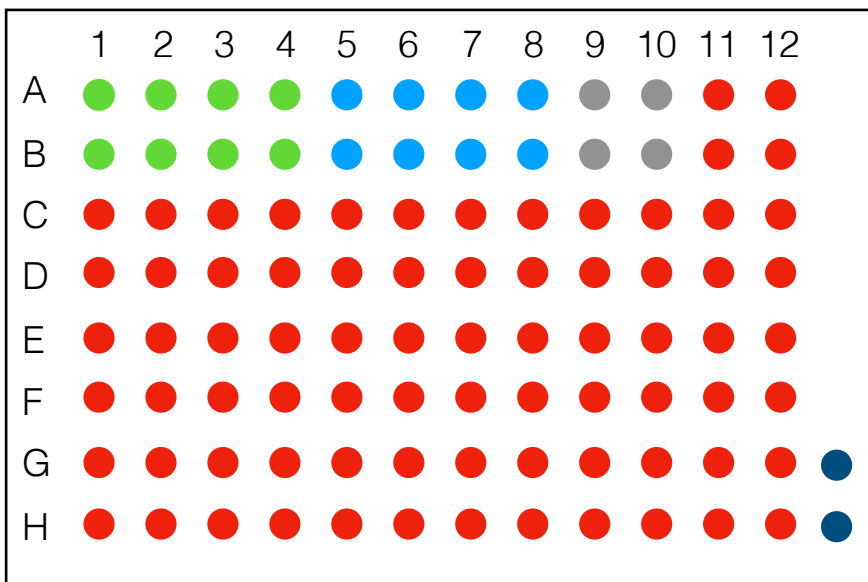


Reveal Biosciences offers Histochemical Staining, Immunohistochemistry (IHC), In Situ Hybridization (ISH), Whole Slide Imaging, and Quantitative Image Analysis on any TMA

ES09 - Esophagus Cancer Tissue Microarray with Progressive Changes



Cases: 48

Cores: 96

Core Size: 1.5mm

Core Thickness: 4um

Format: 8 x 12

QA/QC: H&E,
IHC anti-Cytokeratin

● Normal ● Benign ● Malignant ● Inflammatory ● Orientation core

Description: Esophagus cancer tissue array, 96 cores, 48 cases from normal, premalignant and cancer tissues with progressive grades and TNM stages in duplicates.

All tissues were fixed in 10% neutral buffer formalin for 24 hours and processed using identical SOPs. Sections were picked onto Superfrost Plus or Startfrost Adhesive slides. All TMAs are cut fresh upon ordering. They all have a guaranteed six month shelf-life at 4 degrees Celsius from the date of shipment. Additional cores not listed are orientation markers and have no data. There may be <5% core loss per slide but the core retention rate should be >90%.

Note: Bake at 60°C for 30 minutes before use.

Pos.	Sex	Age	Anatomic Site	Pathology	Grade	Stage (TNM)
A01	M	55.0	Esophagus	Normal		
A02	M	56.0	Esophagus	Normal		
A03	M	58.0	Esophagus	Normal		
A04	M	51.0	Esophagus	Normal		
A05	M	58.0	Esophagus	Chronic esophagitis		
A06	M	58.0	Esophagus	Chronic esophagitis		
A07	M	62.0	Esophagus	Chronic esophagitis		
A08	M	47.0	Esophagus	Chronic esophagitis		
A09	M	63.0	Esophagus	Anaplasia		
A10	M	71.0	Esophagus	Anaplasia		
A11	M	58.0	Esophagus	Carcinoma in situ		
A12	M	71.0	Esophagus	Squamous cell carcinoma	I~II	T2N1M0
B01	M	55.0	Esophagus	Normal		
B02	M	56.0	Esophagus	Normal		
B03	M	58.0	Esophagus	Normal		
B04	M	51.0	Esophagus	Normal		
B05	M	58.0	Esophagus	Chronic esophagitis		
B06	M	58.0	Esophagus	Chronic esophagitis		
B07	M	62.0	Esophagus	Chronic esophagitis		
B08	M	47.0	Esophagus	Chronic esophagitis		
B09	M	63.0	Esophagus	Anaplasia		
B10	M	71.0	Esophagus	Anaplasia		
B11	M	58.0	Esophagus	Carcinoma in situ		
B12	M	71.0	Esophagus	Squamous cell carcinoma	I~II	T2N1M0
C01	M	56.0	Esophagus	Squamous cell carcinoma	I	T3N0M0
C02	M	76.0	Esophagus	Squamous cell carcinoma	I	T3N1M0
C03	M	53.0	Esophagus	Squamous cell carcinoma	I	T3N0M0
C04	M	56.0	Esophagus	Squamous cell carcinoma	I	T3N1M0
C05	F	68.0	Esophagus	Squamous cell carcinoma	I	T2N0M0
C06	M	56.0	Esophagus	Squamous cell carcinoma	I	T2N1M0
C07	M	57.0	Esophagus	Squamous cell carcinoma	I~II	T3N0M0
C08	M	43.0	Esophagus	Squamous cell carcinoma	I~II	T2N0M0
C09	M	55.0	Esophagus	Squamous cell carcinoma	I~II	T2N0M0

Pos.	Sex	Age	Anatomic Site	Pathology	Grade	Stage (TNM)
C10	M	62.0	Esophagus	Squamous cell carcinoma	I~II	T3N1M0
C11	M	59.0	Esophagus	Squamous cell carcinoma	I~II	T3N1M0
C12	M	62.0	Esophagus	Squamous cell carcinoma	I	T3N0M0
D01	M	56.0	Esophagus	Squamous cell carcinoma	I	T3N0M0
D02	M	76.0	Esophagus	Squamous cell carcinoma	I	T3N1M0
D03	M	53.0	Esophagus	Squamous cell carcinoma	I	T3N0M0
D04	M	56.0	Esophagus	Squamous cell carcinoma	I	T3N1M0
D05	F	68.0	Esophagus	Squamous cell carcinoma	I	T2N0M0
D06	M	56.0	Esophagus	Squamous cell carcinoma	I	T2N1M0
D07	M	57.0	Esophagus	Squamous cell carcinoma	I~II	T3N0M0
D08	M	43.0	Esophagus	Squamous cell carcinoma	I~II	T2N0M0
D09	M	55.0	Esophagus	Squamous cell carcinoma	I~II	T2N0M0
D10	M	62.0	Esophagus	Squamous cell carcinoma	I~II	T3N1M0
D11	M	59.0	Esophagus	Squamous cell carcinoma	I~II	T3N1M0
D12	M	62.0	Esophagus	Squamous cell carcinoma	I	T3N0M0
E01	M	42.0	Esophagus	Squamous cell carcinoma	I~II	T3N1M0
E02	M	53.0	Esophagus	Squamous cell carcinoma	I~II	T3N1M0
E03	F	52.0	Esophagus	Squamous cell carcinoma	I~II	T2N0M0
E04	M	65.0	Esophagus	Squamous cell carcinoma	II	T3N0M0
E05	F	60.0	Esophagus	Squamous cell carcinoma	II	T2N0M0
E06	M	51.0	Esophagus	Squamous cell carcinoma	II	T3N1M0
E07	M	54.0	Esophagus	Squamous cell carcinoma	II	T3N1M0
E08	M	64.0	Esophagus	Squamous cell carcinoma	II	T2N1M0
E09	M	45.0	Esophagus	Squamous cell carcinoma	II	T3N0M0
E10	F	74.0	Esophagus	Squamous cell carcinoma	II	T2N1M0
E11	M	61.0	Esophagus	Squamous cell carcinoma	I~II	T2N0M0
E12	M	53.0	Esophagus	Squamous cell carcinoma	II~III	T3N0M0
F01	M	42.0	Esophagus	Squamous cell carcinoma	I~II	T3N1M0
F02	M	53.0	Esophagus	Squamous cell carcinoma	I~II	T3N1M0
F03	F	52.0	Esophagus	Squamous cell carcinoma	I~II	T2N0M0
F04	M	65.0	Esophagus	Squamous cell carcinoma	II	T3N0M0
F05	F	60.0	Esophagus	Squamous cell carcinoma	II	T2N0M0
F06	M	51.0	Esophagus	Squamous cell carcinoma	II	T3N1M0

Pos.	Sex	Age	Anatomic Site	Pathology	Grade	Stage (TNM)
F07	M	54.0	Esophagus	Squamous cell carcinoma	II	T3N1M0
F08	M	64.0	Esophagus	Squamous cell carcinoma	II	T2N1M0
F09	M	45.0	Esophagus	Squamous cell carcinoma	II	T3N0M0
F10	F	74.0	Esophagus	Squamous cell carcinoma	II	T2N1M0
F11	M	61.0	Esophagus	Squamous cell carcinoma	I~II	T2N0M0
F12	M	53.0	Esophagus	Squamous cell carcinoma	II~III	T3N0M0
G01	M	77.0	Esophagus	Squamous cell carcinoma	II~III	T2N1M0
G02	F	45.0	Esophagus	Squamous cell carcinoma	II~III	T2N1M0
G03	M	57.0	Esophagus	Squamous cell carcinoma	II~III	T3N1M0
G04	M	47.0	Esophagus	Squamous cell carcinoma	II~III	T3N1M0
G05	M	74.0	Esophagus	Squamous cell carcinoma	II~III	T2N1M0
G06	F	72.0	Esophagus	Squamous cell carcinoma	III	T3N0M0
G07	M	31.0	Esophagus	Squamous cell carcinoma	III	T3N1M0
G08	M	71.0	Esophagus	Squamous cell carcinoma	III	T3N1M0
G09	M	56.0	Esophagus	Squamous cell carcinoma	III	T3N1M0
G10	M	61.0	Esophagus	Squamous cell carcinoma	III	T3N1M0
G11	M	66.0	Esophagus	Squamous cell carcinoma	III	T2N0M0
G12	M	77.0	Esophagus	Adenocarcinoma	II	T3N0M0
H01	M	77.0	Esophagus	Squamous cell carcinoma	II~III	T2N1M0
H02	F	45.0	Esophagus	Squamous cell carcinoma	II~III	T2N1M0
H03	M	57.0	Esophagus	Squamous cell carcinoma	II~III	T3N1M0
H04	M	47.0	Esophagus	Squamous cell carcinoma	II~III	T3N1M0
H05	M	74.0	Esophagus	Squamous cell carcinoma	II~III	T2N1M0
H06	F	72.0	Esophagus	Squamous cell carcinoma	III	T3N0M0
H07	M	31.0	Esophagus	Squamous cell carcinoma	III	T3N1M0
H08	M	71.0	Esophagus	Squamous cell carcinoma	III	T3N1M0
H09	M	56.0	Esophagus	Squamous cell carcinoma	III	T3N1M0
H10	M	61.0	Esophagus	Squamous cell carcinoma	III	T3N1M0
H11	M	66.0	Esophagus	Squamous cell carcinoma	III	T2N0M0
H12	M	77.0	Esophagus	Adenocarcinoma	II	T3N0M0