

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

MT03 - Multi-Tumor Tissue Microarray

	1	2	3	4	5	6	7	8	9	10	11	12
A	●	●	●	●	●	●	●	●	●	●	●	●
B	●	●	●	●	●	●	●	●	●	●	●	●
C	●	●	●	●	●	●	●	●	●	●	●	●
D	●	●	●	●	●	●	●	●	●	●	●	●
E	●	●	●	●	●	●	●	●	●	●	●	●
F	●	●	●	●	●	●	●	●	●	●	●	●
G	●	●	●	●	●	●	●	●	●	●	●	●
H	●	●	●	●	●	●	●	●	●	●	●	●

Cases: 95

Cores: 95

Core Size: 1.5mm

Core Thickness: 4um

Format: 8 x 12

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

● Normal ● Benign ● Malignant ● Inflammatory ● Metastasis ● Orientation core

Description: 40 types of tumors covering all the common benign, malignant and metastatic entities originated from 27 anatomic sites. Most of them have duplicates or triplicates from different individuals with corresponding uninvolved tissues as controls with grading and TNM staging data.

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	F	37.0	Adrenal gland	Normal, hyperplasia		
A02	M	35.0	Adrenal gland	Adenoma, cortical		
A03	M	28.0	Adrenal gland	Adrenocortical carcinoma		T2N0M0
A04	M	53.0	Bladder, urinary	Normal		
A05	F	53.0	Bladder, urinary	Transitional cell	I~II	T1N0M0
A06	F	65.0	Bladder, urinary	Transitional cell	I~II	T1N0M0
A07	F	30.0	Breast	Normal		
A08	F	40.0	Breast	Fibroadenoma		
A09	F	39.0	Breast	Fibroadenoma		
A10	F	58.0	Breast	Invasive ductal	II	T2N1M0
A11	F	53.0	Breast	Invasive ductal	II	T2N0M0
A12	F	42.0	Breast	Invasive ductal	II	T4N1M0
B01	M	17.0	Bone, tibia	Osteosarcoma		
B02	M	44.0	Bone, scapula	Chondrosarcoma		
B03	M	58	Brain, cerebellum*	Normal, cerebellum*		
B04	F	65.0	Brain, cerebellum	Meningioma, fibroblastic		
B05	M	55.0	Brain, cerebellum	Malignant meningioma		
B06	M	58.0	Brain, cerebral cortex*	Normal cerebral cortex*		
B07	F	26.0	Brain	Meningioma, fibroblastic		
B08	M	47.0	Brain	Astrocytoma	II	
B09	M	53.0	Esophagus	Normal		
B10	F	68.0	Esophagus	Squamous cell	I	T2N0M0
B11	M	54.0	Esophagus	Squamous cell	II	T3N1M0
B12	F	61.0	Esophagus	Squamous cell	III	T2N1M0
C01	M	59.0	Stomach	Normal		
C02	M	52.0	Stomach	Adenocarcinoma	I	T2N0M0
C03	M	66.0	Stomach	Adenocarcinoma	II	T3N0M0
C04	M	47.0	Stomach	Adenocarcinoma	III	T3N2M0
C05	F	40.0	Intestine, small intestine	Normal		
C06	F	18.0	Intestine, small intestine	Adenoma		
C07	F	57.0	Intestine, small intestine	Adenocarcinoma	II	T2N0M0
C08	F	27.0	Intestine, colon	Normal		
C09	M	57.0	Intestine, colon	Adenoma		

Pos.	Sex	Age	Anatomic Site	Pathology	Grade	Stage (TNM)
C10	M	56.0	Intestine, colon	Adenocarcinoma	I	T3N0M0
C11	M	89.0	Intestine, colon	Adenocarcinoma	II	T2N0M0
C12	F	43.0	Intestine, colon	Adenocarcinoma	III	T3N0M0
D01	M	61.0	Intestine, rectum	Normal		
D02	M	40.0	Intestine, rectum	Adenocarcinoma	I	T3N0M0
D03	M	38.0	Intestine, rectum	Adenocarcinoma	II	T3N1M0
D04	M	50.0	Intestine, rectum	Adenocarcinoma	III	T3N1M0
D05	F	51.0	Kidney	Normal cortex		
D06	M	40.0	Kidney	Clear cell carcinoma		T1N0M0
D07	F	79.0	Kidney	Clear cell carcinoma		T1N0M0
D08	M	43.0	Liver	Normal		
D09	M	26.0	Liver	Hepatocellular carcinoma	I	T2N0M0
D10	M	40.0	Liver	Hepatocellular carcinoma	II	T2N0M0
D11	M	53.0	Liver	Hepatocellular carcinoma	I	T2N0M0
D12	M	41.0	Liver	Hepatocellular carcinoma	III	T2N0M0
E01	M	58.0	Lung	Normal		
E02	M	59.0	Lung	Squamous cell carcinoma	II	T2N2M0
E03	M	62.0	Lung	Squamous cell carcinoma	II~III	T2N0M0
E04	M	72.0	Lung	Adenocarcinoma	III	T2N2M0
E05	M	19.0	Lung	Small cell carcinoma		T3N0M0
E06	F	39.0	Lymph node	Reactive		
E07	M	50.0	Lymph node, neck	Lymphoma, Hodgkin		
E08	M	42.0	Lymph node, axillary	Lymphoma, non-Hodgkin		
E09	M	51.0	Lymph node, neck	Lymphoma, anaplastic		
E10	F	48.0	Head and neck, oral	Adenocarcinoma	III~IV	
E11	M	56.0	Head and neck, oral	Squamous cell carcinoma	II	T2N0M0
E12	F	48.0	Head and neck,	Nasopharyngeal	III	T2N0M0
F01	F	45.0	Ovary	Normal		
F02	F	55.0	Ovary	Granulosa cell tumor		
F03	F	45.0	Ovary	Adenocarcinoma	III	T2N0M0
F04	F	49.0	Ovary	Endometrioid	III	T1N0M0
F05	M	35.0	Pancreas	Normal		
F06	F	49.0	Pancreas	Adenocarcinoma	II	T3N1M1

Pos.	Sex	Age	Anatomic Site	Pathology	Grade	Stage (TNM)
F07	M	65.0	Prostate	Normal, hyperplasia		
F08	M	60.0	Prostate	Adenocarcinoma	II	T2N0M0
F09	M	63.0	Prostate	Adenocarcinoma	III	T3N0M0
F10	M	38.0	Head and neck, salivary	Normal		
F11	F	28.0	Head and neck, salivary	Pleomorphic adenoma		
F12	F	38.0	Head and neck, salivary	Adenoid cystic carcinoma	I~II	T1N0M0
G01	M	50.0	Skin	Normal		
G02	M	67.0	Skin, trunk	Squamous cell carcinoma	II	T2N0M0
G03	M	53.0	Head and neck, nasal	Melanoma		
G04	M	77.0	Testis	Normal		
G05	M	30.0	Testis	Seminoma		
G06	M	28.0	Testis	Seminoma		
G07	F	62.0	Thyroid	Normal		
G08	F	47.0	Thyroid	Adenoma		
G09	F	27.0	Thyroid	Adenoma		
G10	F	66.0	Thyroid	Adenoma		
G11	M	16.0	Thyroid	Follicular carcinoma		T3N1M0
G12	M	34.0	Thyroid	Follicular papillary		T2N1M0
H01	F	41.0	Uterus, cervix	Normal		
H02	F	63.0	Uterus, cervix	Squamous cell carcinoma	III	T1N0M0
H03	F	57.0	Uterus, cervix	Squamous cell carcinoma	III	T1N1M0
H04	F	50.0	Uterus, endometrium	Normal		
H05	F	48.0	Uterus, endometrium	Adenocarcinoma	I~II	T2N0M0
H06	F	53.0	Uterus, endometrium	Adenocarcinoma	II~III	T1N1M0
H07	M	60.0	Liver	Metastatic colon		
H08	M	69.0	Lung	Metastatic cancers, from		
H09	F	34.0	Lymph node	Metastatic breast invasive		
H10	F	40.0	Ovary	Metastatic colon signet ring		
H11	M	51.0	Lymph node	Metastatic esophaqus		