

Data Sheet

Product Name: Multiple Tumor Tissue Array - 40 types of tumors. Most of them have duplicates or triplicates from different individuals with corresponding normal tissues as controls

Catalog No.: Z7020082

Lot No.: B508175

Species: Human Mouse Rat Monkey Plant Cell line

Tissue Type: Normal Adult Fetal Tumor Disease

Tissue Array Diagram:

Cores	Size	Cut	Format	QA/QC	
95	1.5 mm	4 µm	8X12	H&E, IHC anti-Vimentin/Cytokeratin	

Recommended applications: For Research use only. RNA or protein general tumor tissue profiling using IHC or ISH; Antibody characterization.

Description: 40 types, covering most of the common benign, malignant and metastatic tumors originated from 27 anatomic sites. Majority of the tumors have duplicates or triplicates from different individuals with corresponding uninvolved tissues as controls. Most of the tissues were from surgical resection. Those highlighted by "*" were from autopsy. All tissues 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. Each slide has >95% tissue core retention.

Position	Sex	Age	Anatomic Site	Pathology	Nature	Grade	Stage (TNM)
A01	F	37	Adrenal gland	Normal, hyperplasia	Normal		
A02	M	61	Adrenal gland	Adenoma, cortical	Benign		
A03	M	28	Adrenal gland	Adrenocortical carcinoma	Malignant		T2N0M0
A04	M	53	Bladder, urinary	Normal	Normal		
A05	F	53	Bladder, urinary	Transitional cell carcinoma	Malignant	I - II	T1N0M0
A06	F	65	Bladder, urinary	Transitional cell carcinoma	Malignant	I - II	T1N0M0
A07	F	30	Breast	Normal	Normal		
A08	F	40	Breast	Fibroadenoma	Benign		
A09	F	39	Breast	Fibroadenoma	Benign		
A10	F	58	Breast	Invasive ductal carcinoma	Malignant	II	T2N1M0
A11	F	53	Breast	Invasive ductal carcinoma	Malignant	II	T2N0M0
A12	F	42	Breast	Invasive ductal carcinoma	Malignant	II	T4N1M0
B01	M	17	Bone, tibia	Osteosarcoma	Malignant		
B02	M	44	Bone, scapula	Chondrosarcoma	Malignant		
B03	M	49	Brain, cerebellum	Normal*	Normal		
B04	F	65	Brain, cerebellum	Meningioma, fibroblastic	Benign		
B05	M	55	Brain, cerebellum	Malignant meningioma	Malignant		
B06	M	58	Brain	Normal*	Normal		
B07	F	26	Brain	Meningioma, fibroblastic	Benign		
B08	M	47	Brain	Astrocytoma	Benign	II	
B09	M	53	Esophagus	Normal	Normal		
B10	F	68	Esophagus	Squamous cell carcinoma	Malignant	I	T2N0M0
B11	M	54	Esophagus	Squamous cell carcinoma	Malignant	II	T3N1M0
B12	F	61	Esophagus	Squamous cell carcinoma	Malignant	III	T2N1M0
C01	M	59	Stomach	Normal	Normal		
C02	M	52	Stomach	Adenocarcinoma	Malignant	I	T2N0M0

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C03	M	66	Stomach	Adenocarcinoma	Malignant	II	T3N0M0
C04	M	47	Stomach	Adenocarcinoma	Malignant	III	T3N2M0
C05	F	40	Intestine, small intestine	Normal	Normal		
C06	F	18	Intestine, small intestine	Adenoma	Benign		
C07	F	57	Intestine, small intestine	Adenocarcinoma	Malignant	II	T2N0M0
C08	F	27	Intestine, colon	Normal	Normal		
C09	M	57	Intestine, colon	Adenoma	Benign		
C10	M	56	Intestine, colon	Adenocarcinoma	Malignant	I	T3N0M0
C11	M	89	Intestine, colon	Adenocarcinoma	Malignant	II	T2N0M0
C12	F	43	Intestine, colon	Adenocarcinoma	Malignant	III	T3N0M0
D01	M	61	Intestine, rectum	Normal	Normal		
D02	M	40	Intestine, rectum	Adenocarcinoma	Malignant	I	T3N0M0
D03	M	38	Intestine, rectum	Adenocarcinoma	Malignant	II	T3N1M0
D04	M	50	Intestine, rectum	Adenocarcinoma	Malignant	III	T3N1M0
D05	F	51	Kidney	Normal cortex	Normal		
D06	M	40	Kidney	Clear cell carcinoma	Malignant		T1N0M0
D07	F	79	Kidney	Clear cell carcinoma	Malignant		T1N0M0
D08	M	43	Liver	Normal	Normal		
D09	M	26	Liver	Hepatocellular carcinoma	Malignant	I	T2N0M0
D10	M	40	Liver	Hepatocellular carcinoma	Malignant	II	T2N0M0
D11	M	53	Liver	Hepatocellular carcinoma	Malignant	I	T2N0M0
D12	M	41	Liver	Hepatocellular carcinoma	Malignant	III	T2N0M0
E01	M	58	Lung	Normal	Normal		
E02	M	59	Lung	Squamous cell carcinoma	Malignant	II	T2N2M0
E03	M	62	Lung	Squamous cell carcinoma	Malignant	II ~ III	T2N0M0
E04	M	72	Lung	Adenocarcinoma	Malignant	III	T2N2M0
E05	M	19	Lung	Small cell carcinoma	Malignant		T3N0M0
E06	F	39	Lymph node	Reactive	Inflammatory		
E07	M	50	Lymph node, neck	Lymphoma, Hodgkin lymphoma	Malignant		
E08	M	42	Lymph node, axillary	Lymphoma, non-Hodgkin B-cell lymphoma	Malignant		
E09	M	51	Lymph node, neck	Lymphoma, anaplastic large cell lymphoma	Malignant		
E10	F	48	Head and neck, oral cavity, hard palate	Adenocarcinoma	Malignant	III ~ IV	
E11	M	56	Head and neck, oral cavity, tongue	Squamous cell carcinoma	Malignant	II	T2N0M0
E12	F	48	Head and neck, nasopharynx	Nasopharyngeal carcinoma, NPC	Malignant	III	T2N0M0
F01	F	45	Ovary	Normal	Normal		
F02	F	55	Ovary	Granulosa cell tumor	Benign		
F03	F	45	Ovary	Adenocarcinoma	Malignant	III	T2N0M0
F04	F	49	Ovary	Endometrioid adenocarcinoma	Malignant	III	T1N0M0
F05	M	35	Pancreas	Normal	Normal		
F06	F	49	Pancreas	Adenocarcinoma	Malignant	II	T3N1M1
F07	M	65	Prostate	Normal, hyperplasia	Normal		
F08	M	60	Prostate	Adenocarcinoma	Malignant	II	T2N0M0
F09	M	47	Prostate	Adenocarcinoma	Malignant	III	T3N0M0
F10	M	38	Head and neck, salivary gland	Normal	Normal		
F11	F	28	Head and neck, salivary gland, parotid	Pleomorphic adenoma	Benign		
F12	F	38	Head and neck, salivary gland	Adenoid cystic carcinoma	Malignant	I ~ II	T1N0M0
G01	M	50	Skin	Normal	Normal		

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G02	M	67	Skin, trunk	Squamous cell carcinoma	Malignant	II	T2N0M0
G03	M	53	Head and neck, nasal cavity	Melanoma	Malignant		
G04	M	77	Testis	Normal	Normal		
G05	M	30	Testis	Seminoma	Malignant		
G06	M	28	Testis	Seminoma	Malignant		
G07	F	62	Thyroid	Normal	Normal		
G08	F	47	Thyroid	Adenoma	Benign		
G09	F	27	Thyroid	Adenoma	Benign		
G10	F	66	Thyroid	Adenoma	Benign		
G11	M	16	Thyroid	Follicular carcinoma	Malignant		T3N1M0
G12	M	34	Thyroid	Follicular papillary adenocarcinoma	Malignant		T2N1M0
H01	F	41	Uterus, cervix	Normal	Normal		
H02	F	63	Uterus, cervix	Squamous cell carcinoma	Malignant	III	T1N0M0
H03	F	57	Uterus, cervix	Squamous cell carcinoma	Malignant	III	T1N1M0
H04	F	50	Uterus, endometrium	Normal	Normal		
H05	F	48	Uterus, endometrium	Adenocarcinoma	Malignant	I ~ II	T2N0M0
H06	F	53	Uterus, endometrium	Adenocarcinoma	Malignant	II ~ III	T1N1M0
H07	M	60	Liver	Metastatic colon adenocarcinoma	Metastasis		
H08	M	69	Lung	Metastatic cancers, from gastrointestinal site?	Metastasis		
H09	F	34	Lymph node	Metastatic breast invasive ductal carcinoma	Metastasis		
H10	F	40	Ovary	Metastatic colon signet ring cell carcinoma	Metastasis		
H11	M	51	Lymph node	Metastatic esophagus squamous cell carcinoma	Metastasis		

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.

FOR IN VITRO RESEARCH USE ONLY

APPROVED BY: _____

