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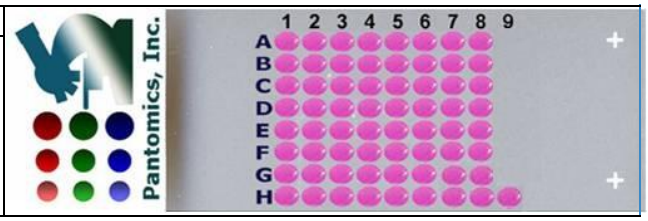
Advancing Biomedical Science Through Tissue Arrays

Cat No: **MNT651** - Multi-normal and tumor tissue array

Lot#	Cores	Size	Cut	Format	QA/QC
MNT65101	65	1.1mm	4um	8X9	H&E, IHC anti-Vimentin/Cytokeratin



Recommended applications: For research use only. Designed for IHC or ISH screening and general analysis of protein or RNA molecules in multiple human normal and tumor tissues.

Description: Multi-normal and tumor tissue array, 65 cases, come from five different anatomic sites, include five or six normal tissues and tumors for each anatomic site, for IHC antibody and ISH probe optimization and initial screening, with grading and TNM staging data.

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 can be stored for use at 4C for up to six months from the date of shipment. **There may be 5 to 10% of tissue core loss**.

Array Position	Sex	Age	Anatomic Site	Pathology	Grade	Stage
A01	F	33	Breast	Normal	null	null
A02	M	79	Prostate	Prostate adenocarcinoma	II	T2N0M0
A03	M	7	Brain	Glioblastoma multiform	null	null
A04	M	73	Lung	Normal	null	null
A05	M	56	Lung	Squamous cell Carcinoma	III	T2N1M0
A06	M	75	Prostate	Normal	null	null
A07	F	61	Lung	Adenocarcinoma	III	T2N1M0
A08	F	30	Breast	Invasive ductal carcinoma, tubular type	I	T3N0M0
B01	F	47	Breast	Invasive lobular carcinoma	I	T4N1M0
B02	M	72	Lung	Adenocarcinoma	II	T2N0M0
B03	M	49	Intestine, colon	Adenocarcinoma	III	T2N0M0
B04	M	74	Prostate	Prostate adenocarcinoma	I~II	T2N0M1
B05	M	67	Intestine, colon	Adenocarcinoma	II	T3N1M0
B06	M	66	Brain	Glioblastoma	null	null
B07	F	45	Breast	Normal	null	null
B08	M	41	Lung	Squamous cell Carcinoma	I	T4N0M0
C01	M	46	Brain, cerebral cortex*	Normal cerebral cortex*	null	null
C02	M	51	Lung	Squamous cell Carcinoma	III	T3N1M0
C03	M	66	Prostate	Normal	null	null
C04	F	24	Intestine, colon	Normal	null	null
C05	F	45	Breast	Normal	null	null
C06	M	51	Prostate	Prostate adenocarcinoma	null	null
C07	M	58	Brain, cerebral cortex*	Normal cerebral cortex*	null	null
C08	M	75	Prostate	Prostate adenocarcinoma	II	T2N0M0
D01	F	23	Brain	Glioblastoma	null	null
D02	M	1.5	Intestine, colon	Normal	null	null
D03	M	65	Brain, cerebral cortex*	Normal cerebral cortex*	null	null
D04	F	51	Breast	Invasive ductal carcinoma	II	T4N1M0
D05	F	34	Brain, cerebral cortex*	Normal cerebral cortex*	null	null
D06	M	69	Lung	Adenocarcinoma	II	T2N1M0
D07	F	51	Lung	Normal	null	null
D08	M	58	Intestine, colon	Adenocarcinoma	III	T4N1M0
E01	F	57	Lung	Adenocarcinoma	II	T2N1M0
E02	F	33	Breast	Normal	null	null
E03	M	57	Brain	Glioblastoma	null	null
E04	M	76	Intestine, colon	Adenocarcinoma	III	T3N1M0
E05	M	52	Lung	Normal	null	null
E06	M	73	Prostate	Prostate adenocarcinoma	III	T2N0M0

E07	F	41	Breast	Invasive ductal carcinoma	II	T2N0M0
E08	M	52	Intestine, colon	Normal	null	null
F01	M	44	Lung	Normal	null	null
F02	F	62	Intestine, colon	Adenocarcinoma	II	T3N0M0
F03	M	73	Prostate	Prostate adenocarcinoma	II	T2N0M0
F04	M	51	Lung	Squamous cell Carcinoma	II	T2N1M0
F05	M	82	Intestine, colon	Normal	null	null
F06	M	84	Prostate	Normal	null	null
F07	M	37	Lung	Squamous cell Carcinoma	I	T2N0M0
F08	F	45	Breast	Normal	null	null
G01	M	50	Lung	Squamous cell Carcinoma	I~II	T2N0M0
G02	M	73	Prostate	Normal	null	null
G03	F	55	Lung	Normal	null	null
G04	M	19	Brain	Glioblastoma	null	null
G05	F	36	Brain, cerebral cortex*	Normal cerebral cortex*	null	null
G06	F	51	Breast	Invasive ductal carcinoma	II	T2N2M0
G07	F	55	Lung	Adenocarcinoma	I~II	T2N0M0
G08	M	61	Prostate	Normal	null	null
H01	M	61	Intestine, colon	Normal	null	null
H02	F	29	Breast	Invasive ductal carcinoma	III	T3N0M0
H03	M	48	Lung	Adenocarcinoma	I~II	T2N1M0
H04	F	33	Breast	Normal	null	null
H05	F	42	Intestine, colon	Adenocarcinoma	I~II	T3N1M0
H06	M	57	Lung	Normal	null	null
H07	F	5	Brain, cerebral cortex*	Normal cerebral cortex*	null	null
H08	F	49	Brain	Glioblastoma	null	null
H09	M	63	Prostate	Normal	null	null

Notes: Bake at 60C for ~60 minutes before use. If antigen retrieving is needed, it is important to avoid **direct-boiling and high pH or high strength** antigen retrieving buffer. For availability of complimentary IHC data, please contact us at info@pantomics.com.

Certified by: Langxing Pan, M.D.