
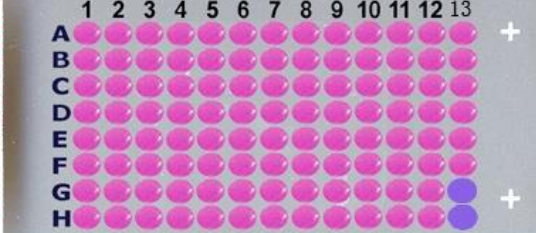




Cat No: MNO1021 Multi-normal human tissues, FDA, 102 samples, 35 organs-sites from three individuals (1.5mm)

Lot#	Cores	Size	Cut	Format	QA/QC		
MNO102101	102	1.5mm	4um	8X13	H&E, IHC anti-Cytokeratin		

Recommended applications: For research use only. Designed for antibody cross reactivity analysis and IHC or ISH based protein or RNA tissue profiling in normal human tissues.

Description: 35 types of normal tissues based on the FDA recommendation for antibody cross-reactivity testing. Except for few cases, each type has triplicates from 3 individuals.

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	31	Adrenal gland	Normal	null	null
A02	M	51	Adrenal gland	Normal	null	null
A03	M	53	Adrenal gland	Normal	null	null
A04	M	75	Bladder, urinary	Normal	null	null
A05	M	72	Bladder, urinary	Normal	null	null
A06	M	52	Bladder, urinary	Normal	null	null
A07	M	53	Bone, bone marrow	Normal	null	null
A08	M	43	Bone, bone marrow	Normal	null	null
A09	F	44	Head and neck, salivary gland	Normal	null	null
A10	M	18	Head and neck, salivary gland	Normal	null	null
A11	M	55	Eye	Normal	null	null
A12	M	50	Eye	Normal	null	null
A13	F	35	Breast	Normal	null	null
B01	F	38	Breast	Normal	null	null
B02	F	33	Breast	Normal	null	null
B03	M	58	Brain, cerebellum	Normal	null	null
B04	M	65	Brain, cerebellum	Normal	null	null
B05	F	2	Brain, cerebellum	Normal	null	null
B06	M	58	Brain, cerebral cortex	Normal	null	null
B07	M	65	Brain, cerebral cortex	Normal	null	null
B08	F	2	Brain, cerebral cortex	Normal	null	null
B09	F	42	Fallopian tube	Normal	null	null
B10	F	32	Fallopian tube	Normal	null	null
B11	F	24	Fallopian tube	Normal	null	null
B12	M	45	Esophagus	Normal	null	null
B13	F	68	Esophagus	Normal	null	null
C01	M	54	Esophagus	Normal	null	null
C02	M	45	Stomach	Normal	null	null
C03	M	49	Stomach	Normal	null	null
C04	M	77	Stomach	Normal	null	null
C05	M	45	Intestine, small intestine	Normal	null	null
C06	F	75	Intestine, small intestine	Normal	null	null
C07	F	75	Intestine, small intestine	Normal	null	null
C08	M	2	Intestine, colon	Normal	null	null
C09	M	46	Intestine, colon	Normal	null	null
C10	M	74	Intestine, colon	Normal	null	null



Advancing Biomedical Science Through Tissue Arrays

C11	F	47	Intestine, rectum	Normal	null	null
C12	F	75	Intestine, rectum	Normal	null	null
C13	M	66	Intestine, rectum	Normal	null	null
D01	M	58	Heart	Normal	null	null
D02	M	46	Heart	Normal	null	null
D03	F	34	Heart	Normal	null	null
D04	F	52	Kidney, cortex	Normal	null	null
D05	M	23	Kidney, cortex	Normal	null	null
D06	M	63	Kidney, cortex	Normal	null	null
D07	F	52	Kidney, medulla	Normal	null	null
D08	M	23	Kidney, medulla	Normal	null	null
D09	M	59	Peripheral nerve	Schwannoma	null	null
D10	F	29	Peripheral nerve	Schwannoma	null	null
D11	F	44	Ureter	Normal	null	null
D12	F	42	Ureter	Normal	null	null
D13	F	57	Liver	Normal	null	null
E01	M	59	Liver	Normal	null	null
E02	F	27	Liver	Normal	null	null
E03	M	72	Lung	Normal	null	null
E04	F	55	Lung	Normal	null	null
E05	M	43	Lung	Normal	null	null
E06	F	47	Ovary	Normal	null	null
E07	F	46	Ovary	Normal	null	null
E08	F	40	Ovary	Normal	null	null
E09	M	42	Pancreas	Normal	null	null
E10	F	26	Pancreas	Normal	null	null
E11	F	59	Pancreas	Normal	null	null
E12	M	17	Parathyroid	Adenoma	null	null
E13	M	72	Parathyroid	Adenoma	null	null
F01	F	3	Pituitary gland	Normal	null	null
F02	F	2	Pituitary gland	Normal	null	null
F03	F	32	Placenta	Normal	null	null
F04	F	30	Placenta	Normal	null	null
F05	F	27	Placenta	Normal	null	null
F06	M	64	Prostate	Normal	null	null
F07	M	65	Prostate	Normal	null	null
F08	M	65	Prostate	Normal	null	null
F09	F	32	Skin	Normal	null	null
F10	F	68	Skin	Normal	null	null
F11	M	28	Skin	Normal	null	null
F12	M	47	Spinal cord	Normal	null	null
F13	M	58	Spinal cord	Normal	null	null
G01	M	27	Spleen	Normal	null	null
G02	M	60	Spleen	Normal	null	null
G03	M	31	Spleen	Normal	null	null
G04	F	60	Skeletal muscle	Normal	null	null
G05	F	49	Skeletal muscle	Normal	null	null
G06	M	70	Skeletal muscle	Normal	null	null
G07	M	43	Testis	Normal	null	null
G08	M	30	Testis	Normal	null	null
G09	M	77	Testis	Normal	null	null
G10	M	15	Thymus	Normal	null	null
G11	M	28	Thymus	Normal	null	null
G12	F	9	Thymus	Normal	null	null
H01	F	26	Thyroid	Normal	null	null
H02	F	37	Thyroid	Normal	null	null
H03	F	51	Thyroid	Normal	null	null
H04	M	46	Tonsil	Normal	null	null
H05	M	37	Tonsil	Normal	null	null
H06	M	13	Tonsil	Normal	null	null
H07	F	38	Uterus, cervix	Normal	null	null



Pantomics, Inc

Phone: 415-863-2380

Support: info@pantomics.com

Web: www.pantomics.com

Advancing Biomedical Science Through Tissue Arrays

H08	F	35	Uterus, cervix	Normal	null	null
H09	F	44	Uterus, cervix	Normal	null	null
H10	F	38	Uterus, endometrium	Normal	null	null
H11	F	41	Uterus, endometrium	Normal	null	null
H12	F	46	Uterus, endometrium	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: Fancai Li, M.D.