
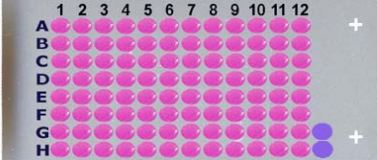




Cat No: MNO961 - FDA 35 types of normal human tissue array

Lot#	Cores	Size	Cut	Format	QA/QC		
MNO96101	96	1.5mm	4um	8X12	H&E, IHC anti-Vimentin/Cytokeratin		

Recommended applications: For research use only. Whole body RNA or protein tissue profiling using IHC or ISH; Antibody characterization.

Description: Designed following the FDA-recommended normal tissue panel for antibody cross-reactivity testing. There are 35 tissue types, most of which have triplicates from 3 individuals. Majority 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 4C from the date of shipment. There may be >5% tissue core losses. But the core retention rate should be >90%.

Array position	Sex	Age	Anatomic site	Histology
A1	M	45	Adrenal gland*	Normal
A2	F	37	Adrenal gland*	Normal
A3	F	61	Adrenal gland*	Normal
A4	F	51	Bladder	Normal
A5	M	36	Bladder	Normal
A6	M	61	Bladder	Normal
A7	M	16	Bone marrow*	Normal
A8,	F	1	Eye*	Normal
A9	F	70	Eye*	Normal
A10	F	34	Breast	Normal
A11	F	43	Breast	Normal
A12	F	45	Breast	Normal
B1	M	46	Cerebellum*	Normal
B2	M	49	Cerebellum*	Normal
B3	M	3	Cerebellum*	Normal
B4	M	49	Cerebral cortex*	Normal
B5	F	5	Cerebral cortex*	Normal
B6	M	46	Cerebral cortex*	Normal
B7	F	45	Fallopian tube	Normal
B8	F	23	Fallopian tube	Normal
B9	F	48	Fallopian tube	Normal
B10	M	62	GI-Esophagus	Normal
B11	M	55	GI-Esophagus	Normal
B12	F	61	GI-Esophagus	Normal
C1	M	59	GI-Stomach	Normal
C2	F	50	GI-Stomach	Normal
C3	F	48	GI-Stomach	Normal
C4	M	80	GI-Small intestine	Normal
C5	M	17	GI-Small intestine	Normal
C6	F	76	GI-Small intestine	Normal
C7	F	69	GI-Colon	Normal
C8	F	27	GI-Colon	Normal
C9	M	34	GI-Colon	Normal
C10	M	53	GI-Rectum	Normal
C11	M	68	GI-Rectum	Normal
C12	M	70	GI-Rectum	Normal



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D1	M	46	Heart*	Normal
D2	F	5	Heart*	Normal
D3	M	65	Heart*	Normal
D4	F	51	Kidney	Normal
D5	M	39	Kidney	Normal
D6	M	30	Kidney	Normal
D7	F	51	Kidney	Normal
D8	M	39	Kidney	Normal
D9	M	30	Kidney	Normal
D10	M	41	Liver	Normal
D11	M	42	Liver	Normal (cell swelling)
D12	M	35	Liver	Normal
E1	M	19	Lung	Normal
E2	M	59	Lung	Normal
E3	M	72	Lung	Normal
E4	F	53	Ovary	Normal
E5	F	45	Ovary	Normal
E6	F	35	Ovary	Normal
E7	F	5	Pancreas*	Normal
E8	M	1	Pancreas*	Normal
E9	F	58	Pancreas*	Normal
E10	F	62	Parathyroid	Adenoma
E11	F	5	Pituitary gland*	Normal
E12	M	46	Pituitary gland*	Normal
F1	F	23	Placenta	Normal
F2	F	27	Placenta	Normal
F3	F	23	Placenta	Normal
F4	M	68	Prostate	Normal
F5	M	82	Prostate	Normal
F6	M	64	Prostate	Normal
F7	F	47	Skin	Normal
F8	M	50	Skin	Normal
F9	M	46	Spinal cord*	Normal
F10	M	65	Spinal cord*	Normal
F11	F	21	Spleen	Normal
F12	M	55	Spleen	Normal
G1	M	44	Striated muscle*	Normal
G2	M	46	Striated muscle*	Normal
G3	M	59	Striated muscle*	Normal
G4	M	77	Testis	Normal
G5	M	34	Testis	Normal
G6	M	30	Testis	Normal
G7	M	13	Thymus*	Normal
G8	F	2.5	Thymus*	Normal
G9	F	15	Thymus*	Normal
G10	F	64	Thyroid	Normal
G11	F	52	Thyroid	Normal
G12	F	39	Thyroid	Normal
H1	F	12	Tonsil	Normal
H2	M	6	Tonsil	Normal
H3	M	20	Tonsil	Normal
H4	F	51	Ureter	Normal
H5	M	56	Ureter	Normal
H6	F	56	Ureter	Normal



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H7	F	48	Uterus-cervix	Normal
H8	F	48	Uterus-cervix	Normal
H9	F	51	Uterus-cervix	Normal
H10	F	40	Uterus-endometrium	Normal
H11	F	50	Uterus-endometrium	Normal
H12	F	49	Uterus-endometrium	Normal

Notes: Please bake the slides at 60C 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.

Certified by: Langxing Pan, M.D., Ph.D.