
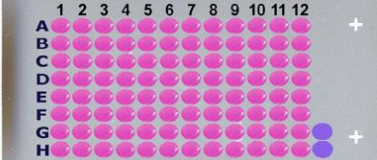




Cat No: MNO961 - FDA 35 types of normal human tissue array

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.

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	37	Adrenal gland	Normal, hyperplasia	null	null
A02	M	52	Adrenal gland	Normal*	null	null
A03	F	57	Adrenal gland	Normal	null	null
A04	F	51	Bladder, urinary	Normal	null	null
A05	M	36	Bladder, urinary	Normal	null	null
A06	M	61	Bladder, urinary	Normal	null	null
A07	M	16	Bone, bone marrow	Normal*	null	null
A08	F	1H	Eye	Normal*	null	null
A09	F	70	Eye	Normal	null	null
A10	F	34	Breast	Normal breast	null	null
A11	F	43	Breast	Normal	null	null
A12	F	45	Breast	Normal	null	null
B01	M	46	Brain, cerebellum	Normal*	null	null
B02	M	52	Brain, cerebellum	Normal*	null	null
B03	M	3	Brain, cerebellum	Normal*	null	null
B04	M	52	Brain, cerebral cortex	Normal*	null	null
B05	F	5	Brain, cerebral cortex	Normal*	null	null
B06	M	46	Brain, cerebral cortex	Normal*	null	null
B07	F	45	Fallopian tube	Normal	null	null
B08	F	23	Fallopian tube	Normal	null	null
B09	F	48	Fallopian tube	Normal	null	null
B10	M	62	Esophagus	Normal	null	null
B11	M	55	Esophagus	Normal	null	null
B12	F	61	Esophagus	Normal	null	null
C01	M	59	Stomach	Normal	null	null
C02	F	50	Stomach	Normal	null	null
C03	F	48	Stomach	Normal	null	null
C04	M	80	Intestine, small intestine	Normal	null	null
C05	M	17	Intestine, small intestine	Normal	null	null
C06	F	76	Intestine, small intestine	Normal	null	null
C07	F	69	Intestine, colon	Normal colon	null	null
C08	F	27	Intestine, colon	Normal	null	null
C09	M	34	Intestine, colon	Normal	null	null
C10	M	53	Intestine, rectum	Normal	null	null
C11	M	68	Intestine, rectum	Normal	null	null
C12	M	70	Intestine, rectum	Normal	null	null
D01	M	46	Heart	Normal*	null	null
D02	F	5	Heart	Normal*	null	null
D03	M	47	Heart	Normal*	null	null
D04	F	51	Kidney	Normal	null	null
D05	M	39	Kidney	Normal	null	null



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D06	M	30	Kidney	Normal	null	null
D07	F	51	Kidney	Normal kidney cortex	null	null
D08	M	39	Kidney	Normal	null	null
D09	M	30	Kidney	Normal	null	null
D10	M	41	Liver	Normal	null	null
D11	M	42	Liver	Normal and cell swelling	null	null
D12	M	35	Liver	Normal	null	null
E01	M	19	Lung	Normal	null	null
E02	M	59	Lung	Normal	null	null
E03	M	72	Lung	Normal	null	null
E04	F	53	Ovary	Normal	null	null
E05	F	45	Ovary	Normal	null	null
E06	F	35	Ovary	Normal	null	null
E07	F	5	Pancreas	Normal*	null	null
E08	M	1	Pancreas	Normal*	null	null
E09	F	58	Pancreas	Normal	null	null
E10	F	62	Parathyroid	Adenoma	null	null
E11	F	5	Pituitary gland	Normal*	null	null
E12	M	46	Pituitary gland	Normal*	null	null
F01	F	23	Placenta	Normal	null	null
F02	F	27	Placenta	Normal	null	null
F03	F	23	Placenta	Normal	null	null
F04	M	68	Prostate	Normal, hyperplasia	null	null
F05	M	82	Prostate	Normal	null	null
F06	M	64	Prostate	Normal, hyperplasia	null	null
F07	F	47	Skin	Normal	null	null
F08	M	50	Skin	Normal	null	null
F09	M	46	Spinal cord	Normal*	null	null
F10	M	47	Spinal cord	Normal*	null	null
F11	F	21	Spleen	Normal	null	null
F12	M	55	Spleen	Normal	null	null
G01	M	52	Skeletal muscle	Normal*	null	null
G02	M	46	Skeletal muscle	Normal*	null	null
G03	M	59	Skeletal muscle	Normal	null	null
G04	M	77	Testis	Normal	null	null
G05	M	34	Testis	Normal	null	null
G06	M	30	Testis	Normal	null	null
G07	M	13	Thymus	Normal, hyperplasia	null	null
G08	F	2.5	Thymus	Normal	null	null
G09	F	15	Thymus	Normal	null	null
G10	F	64	Thyroid	Normal	null	null
G11	F	52	Thyroid	Normal	null	null
G12	F	32	Thyroid	Normal	null	null
H01	F	12	Tonsil	Tonsillitis	null	null
H02	M	6	Tonsil	Tonsillitis	null	null
H03	M	20	Tonsil	Tonsillitis	null	null
H04	F	51	Ureter	Normal	null	null
H05	M	56	Ureter	Normal	null	null
H06	F	56	Ureter	Normal	null	null
H07	F	48	Uterus, cervix	Normal	null	null
H08	F	48	Uterus, cervix	Normal	null	null
H09	F	51	Uterus, cervix	Normal	null	null
H10	F	40	Uterus, endometrium	Normal	null	null
H11	F	50	Uterus, endometrium	Normal	null	null
H12	F	49	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.



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