
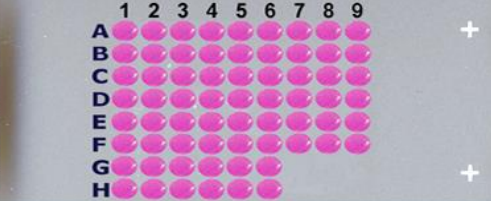


**Cat No: MNO661 - FDA 33 types of normal human tissue array**

Lot#	Cores	Size	Cut	Format	QA/QC		
MNO66101	66	1.5mm	4um	8X9	H&E, IHC anti- Vimentin/Cytokeratin		

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

**Description:** 33 types of normal tissues in duplicates based on the FDA recommendation for antibody cross-reactivity testing.

Those highlighted by "\*" were from autopsy. 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	53	Bladder, urinary	Normal	null	null
A03	M	16	Bone, bone marrow	Normal*	null	null
A04	F	45	Eye	Normal	null	null
A05	F	46	Breast	Normal	null	null
A06	M	58	Brain, cerebellum	Normal*	null	null
A07	M	65	Brain, cerebral cortex	Normal*	null	null
A08	F	38	Fallopian tube	Normal	null	null
A09	M	66	Esophagus	Normal	null	null
B01	F	37	Adrenal gland	Normal, hyperplasia	null	null
B02	M	53	Bladder, urinary	Normal	null	null
B03	M	16	Bone, bone marrow	Normal*	null	null
B04	F	45	Eye	Normal	null	null
B05	F	46	Breast	Normal	null	null
B06	M	58	Brain, cerebellum	Normal*	null	null
B07	M	65	Brain, cerebral cortex	Normal*	null	null
B08	F	38	Fallopian tube	Normal	null	null
B09	M	66	Esophagus	Normal	null	null
C01	F	53	Stomach	Normal	null	null
C02	M	47	Intestine, small intestine	Normal	null	null
C03	M	26	Intestine, colon	Normal	null	null
C04	M	83	Intestine, rectum	Normal	null	null
C05	M	58	Heart	Normal*	null	null
C06	M	62	Kidney	Normal	null	null
C07	F	67	Liver	Normal	null	null
C08	F	45	Lung	Normal	null	null
C09	F	51	Ovary	Normal	null	null
D01	F	53	Stomach	Normal	null	null
D02	M	47	Intestine, small intestine	Normal	null	null
D03	M	26	Intestine, colon	Normal	null	null
D04	M	83	Intestine, rectum	Normal	null	null
D05	M	58	Heart	Normal*	null	null
D06	M	62	Kidney	Normal	null	null
D07	F	67	Liver	Normal	null	null
D08	F	45	Lung	Normal	null	null
D09	F	51	Ovary	Normal	null	null
E01	M	35	Pancreas	Normal	null	null
E02	M	25	Parathyroid	Adenoma	null	null
E03	M	46	Pituitary gland	Normal*	null	null



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E04	F	38	Placenta	Normal	null	null
E05	M	61	Prostate	Normal	null	null
E06	M	58	Skin	Normal	null	null
E07	F	1H	Spinal cord	Normal*	null	null
E08	M	70	Spleen	Normal	null	null
E09	M	46	Skeletal muscle	Normal*	null	null
F01	M	35	Pancreas	Normal	null	null
F02	M	25	Parathyroid	Adenoma	null	null
F03	M	58	Pituitary gland	Normal*	null	null
F04	F	38	Placenta	Normal	null	null
F05	M	61	Prostate	Normal	null	null
F06	M	58	Skin	Normal	null	null
F07	F	1H	Spinal cord	Normal*	null	null
F08	M	70	Spleen	Normal	null	null
F09	M	46	Skeletal muscle	Normal*	null	null
G01	M	70	Testis	Normal	null	null
G02	F	15	Thymus	Normal	null	null
G03	F	29	Thyroid	Normal	null	null
G04	F	6	Tonsil	Tonsillitis	null	null
G05	F	47	Uterus, cervix	Normal	null	null
G06	F	41	Uterus, endometrium	Normal	null	null
H01	M	70	Testis	Normal	null	null
H02	F	15	Thymus	Normal	null	null
H03	F	29	Thyroid	Normal	null	null
H04	F	6	Tonsil	Tonsillitis	null	null
H05	F	47	Uterus, cervix	Normal	null	null
H06	F	41	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](mailto:info@pantomics.com).

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