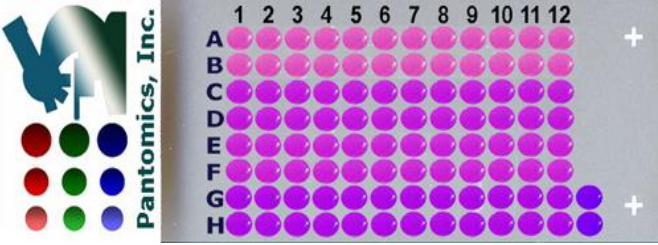


**Cat No: END961 – Endocrine system disease tissue array**

Lot#	Cores	Size	Cut	Format	QA/QC	
END96101	96	1.5mm	4um	12X8	H&E	

**Recommended applications:** For research use only. RNA or protein tissue profiling using IHC or ISH tissue profiling for endocrine system diseases; Antibody characterization.

**Description:** Endocrine System disease tissue array, 48 cases of normal, inflammatory and neoplastic conditions of the endocrine system in duplicates.

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	44	Thyroid	Normal	null	null
A02	F	51	Thyroid	Normal	null	null
A03	F	44	Thyroid	Thyroiditis	null	null
A04	F	27	Thyroid	Thyroiditis	null	null
A05	F	41	Thyroid	Hashimoto's thyroiditis	null	null
A06	F	49	Thyroid	Hashimoto's thyroiditis	null	null
A07	M	55	Thyroid	Multi-nodular goiter	null	null
A08	F	54	Thyroid	Multi-nodular goiter	null	null
A09	F	44	Thyroid	Multi-nodular goiter	null	null
A10	F	30	Thyroid	Multi-nodular goiter	null	null
A11	F	35	Thyroid	Diffuse toxic goiter	null	null
A12	F	50	Thyroid	Diffuse toxic goiter	null	null
B01	F	44	Thyroid	Normal	null	null
B02	F	51	Thyroid	Normal	null	null
B03	F	44	Thyroid	Thyroiditis	null	null
B04	F	27	Thyroid	Thyroiditis	null	null
B05	F	41	Thyroid	Hashimoto's thyroiditis	null	null
B06	F	49	Thyroid	Hashimoto's thyroiditis	null	null
B07	M	55	Thyroid	Multi-nodular goiter	null	null
B08	F	54	Thyroid	Multi-nodular goiter	null	null
B09	F	44	Thyroid	Multi-nodular goiter	null	null
B10	F	30	Thyroid	Multi-nodular goiter	null	null
B11	F	35	Thyroid	Diffuse toxic goiter	null	null
B12	F	50	Thyroid	Diffuse toxic goiter	null	null
C01	M	23	Thyroid	Diffuse toxic goiter	null	null
C02	F	24	Thyroid	Diffuse toxic goiter	null	null
C03	F	24	Thyroid	Adenoma	null	null
C04	F	56	Thyroid	Adenoma	null	null
C05	M	28	Thyroid	Follicular adenoma	null	null
C06	F	48	Thyroid	Follicular adenoma	null	null
C07	F	64	Thyroid	Papillary adenocarcinoma	null	T3N1M0
C08	F	27	Thyroid	Papillary adenocarcinoma	null	T3N1M0
C09	F	66	Thyroid	Follicular carcinoma	null	T2N0M0
C10	F	68	Thyroid	Follicular carcinoma	null	T2N0M0
C11	F	65	Thyroid	Clear cell carcinoma	null	T4N0M0
C12	F	53	Thyroid	Clear cell carcinoma	null	T3N0M0
D01	M	23	Thyroid	Diffuse toxic goiter	null	null
D02	F	24	Thyroid	Diffuse toxic goiter	null	null



**Advancing Biomedical Science Through Tissue Arrays**

D03	F	24	Thyroid	Adenoma	null	null
D04	F	56	Thyroid	Adenoma	null	null
D05	M	28	Thyroid	Follicular adenoma	null	null
D06	F	48	Thyroid	Follicular adenoma	null	null
D07	F	64	Thyroid	Papillary adenocarcinoma	null	T3N1M0
D08	F	27	Thyroid	Papillary adenocarcinoma	null	T3N1M0
D09	F	66	Thyroid	Follicular carcinoma	null	T2N0M0
D10	F	68	Thyroid	Follicular carcinoma	null	T2N0M0
D11	F	65	Thyroid	Clear cell carcinoma	null	T4N0M0
D12	F	53	Thyroid	Clear cell carcinoma	null	T3N0M0
E01	F	53	Thyroid	Undifferentiated carcinoma	null	T3N0M0
E02	F	72	Thyroid	Undifferentiated carcinoma	null	T3N1M0
E03	F	11	Pituitary	Normal*	null	null
E04	F	64	Pituitary	Adenoma	null	null
E05	F	44	Pituitary	Adenoma	null	null
E06	F	67	Parathyroid	Adenoma	null	null
E07	F	50	Parathyroid	Adenoma	null	null
E08	F	35	Adrenal gland	Normal	null	null
E09	F	37	Adrenal gland	Normal, hyperplasia	null	null
E10	F	30	Adrenal gland	Adenoma, cortical	null	null
E11	F	75	Adrenal gland	Adenoma, cortical	null	null
E12	M	49	Adrenal gland	Pheochromocytoma	null	null
F01	F	53	Thyroid	Undifferentiated carcinoma	null	T3N0M0
F02	F	72	Thyroid	Undifferentiated carcinoma	null	T3N1M0
F03	F	11	Pituitary	Normal*	null	null
F04	F	64	Pituitary	Adenoma	null	null
F05	F	44	Pituitary	Adenoma	null	null
F06	F	67	Parathyroid	Adenoma	null	null
F07	F	50	Parathyroid	Adenoma	null	null
F08	F	35	Adrenal gland	Normal	null	null
F09	F	37	Adrenal gland	Normal, hyperplasia	null	null
F10	F	30	Adrenal gland	Adenoma, cortical	null	null
F11	F	75	Adrenal gland	Adenoma, cortical	null	null
F12	M	49	Adrenal gland	Pheochromocytoma	null	null
G01	F	79	Adrenal gland	Pheochromocytoma	null	null
G02	M	66	Adrenal gland	Pheochromocytoma	null	null
G03	M	28	Adrenal gland	Adrenocortical carcinoma	null	T2N0M0
G04	F	33	Adrenal gland	Adenocarcinoma, cortical	null	T2N0M0
G05	M	35	Pancreas	Normal	null	null
G06	F	28	Pancreas	Islet cell tumor	null	null
G07	F	20	Pancreas	Islet cell tumor	null	null
G08	M	51	Lung	Small cell carcinoma	null	T2N2M0
G09	M	54	Lung	Neuroendocrine carcinoma	null	T2N1M0
G10	M	70	Intestine, rectum	Carcinoid	null	T3N2M0
G11	M	40	Intestine, rectum	Carcinoid	null	T3N2M0
G12	F	35	Scalp, subcutaneous tissue	Neuroendocrine carcinoma	null	T2N0M0
H01	F	79	Adrenal gland	Pheochromocytoma	null	null
H02	M	66	Adrenal gland	Pheochromocytoma	null	null
H03	M	28	Adrenal gland	Adrenocortical carcinoma	null	T2N0M0
H04	F	33	Adrenal gland	Adenocarcinoma, cortical	null	T2N0M0
H05	M	35	Pancreas	Normal	null	null
H06	F	28	Pancreas	Islet cell tumor	null	null
H07	F	20	Pancreas	Islet cell tumor	null	null
H08	M	51	Lung	Small cell carcinoma	null	T2N2M0
H09	M	54	Lung	Neuroendocrine carcinoma	null	T2N1M0
H10	M	70	Intestine, rectum	Carcinoid	null	T3N2M0
H11	M	40	Intestine, rectum	Carcinoid	null	T3N2M0
H12	F	35	Scalp, subcutaneous tissue	Neuroendocrine carcinoma	null	T2N0M0



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**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.