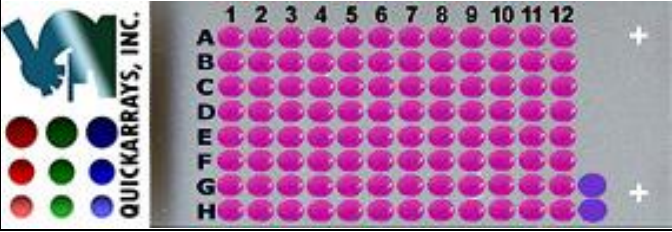




Cat No: THC961 - Thyroid cancer tissue array

Lot#	Cores	Size	Cut	Format	QA/QC
THC96101	96	1.5mm	4um	8X12	H&E, IHC anti-Vimentin/Cytokeratin



Recommended applications: For research use only. Designed for IHC/ISH RNA or protein tissue profiling of normal, non-malignant and malignant thyroids.

Description: Thyroid cancer tissue array including 48 cases of normal, premalignant and malignant tissues of the thyroid 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	48	Thyroid	Normal	null	null
A02	F	43	Thyroid	Normal	null	null
A03	F	43	Thyroid	Normal	null	null
A04	F	51	Thyroid	Subacute thyroiditis	null	null
A05	F	57	Thyroid	Adenoma, fetal type	null	null
A06	F	50	Thyroid	Hashimoto's thyroiditis	null	null
A07	F	50	Thyroid	Multi-nodular goiter	null	null
A08	F	53	Thyroid	Multi-nodular goiter	null	null
A09	M	63	Thyroid	Multi-nodular goiter	null	null
A10	F	41	Thyroid	Multi-nodular goiter	null	null
A11	F	40	Thyroid	Adenoma	null	null
A12	M	28	Thyroid	Follicular adenoma	null	null
B01	F	48	Thyroid	Normal	null	null
B02	F	43	Thyroid	Normal	null	null
B03	F	43	Thyroid	Normal	null	null
B04	F	51	Thyroid	Subacute thyroiditis	null	null
B05	F	57	Thyroid	Adenoma, fetal type	null	null
B06	F	50	Thyroid	Hashimoto's thyroiditis	null	null
B07	F	50	Thyroid	Multi-nodular goiter	null	null
B08	F	53	Thyroid	Multi-nodular goiter	null	null
B09	M	63	Thyroid	Multi-nodular goiter	null	null
B10	F	41	Thyroid	Multi-nodular goiter	null	null
B11	F	40	Thyroid	Adenoma	null	null
B12	M	28	Thyroid	Follicular adenoma	null	null
C01	F	33	Thyroid	Adenoma, fetal type	null	null
C02	M	44	Thyroid	Simple colloid adenoma	null	null
C03	F	56	Thyroid	Graves' disease	null	null
C04	F	27	Thyroid	Hashimoto's thyroiditis	null	null
C05	F	18	Thyroid	Graves' disease	null	null
C06	F	53	Thyroid	Hashimoto's thyroiditis	null	null
C07	F	24	Thyroid	Papillary adenocarcinoma	II~III	T2N1M0
C08	M	50	Thyroid	Papillary adenocarcinoma	I~II	T2N0M0
C09	M	57	Thyroid	Papillary adenocarcinoma	null	T4N1M0
C10	F	27	Thyroid	Papillary adenocarcinoma	null	T2N0M0
C11	M	52	Thyroid	Papillary adenocarcinoma	null	T2N1M0
C12	F	19	Thyroid	Follicular papillary adenocarcinoma	null	T2N1M0
D01	F	33	Thyroid	Adenoma, fetal type	null	null
D02	M	44	Thyroid	Simple colloid adenoma	null	null



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D03	F	56	Thyroid	Graves' disease	null	null
D04	F	27	Thyroid	Hashimoto's thyroiditis	null	null
D05	F	18	Thyroid	Graves' disease	null	null
D06	F	53	Thyroid	Hashimoto's thyroiditis	null	null
D07	F	24	Thyroid	Papillary adenocarcinoma	II~III	T2N1M0
D08	M	50	Thyroid	Papillary adenocarcinoma	I~II	T2N0M0
D09	M	57	Thyroid	Papillary adenocarcinoma	null	T4N1M0
D10	F	27	Thyroid	Papillary adenocarcinoma	null	T2N0M0
D11	M	52	Thyroid	Papillary adenocarcinoma	null	T2N1M0
D12	F	19	Thyroid	Follicular papillary adenocarcinoma	null	T2N1M0
E01	F	31	Thyroid	Papillary adenocarcinoma	III	T3N0M0
E02	M	16	Thyroid	Follicular carcinoma	null	T3N1M0
E03	F	33	Thyroid	Papillary adenocarcinoma	null	T2N0M0
E04	M	34	Thyroid	Follicular papillary adenocarcinoma	null	T2N1M0
E05	F	44	Thyroid	Papillary adenocarcinoma	null	T2N0M0
E06	F	42	Thyroid	Papillary adenocarcinoma	null	T2N0M0
E07	F	64	Thyroid	Papillary adenocarcinoma	null	T2N1M0
E08	M	51	Thyroid	Papillary adenocarcinoma	null	T1N0M0
E09	F	22	Thyroid	Papillary adenocarcinoma	null	T2N0M0
E10	F	30	Thyroid	Papillary adenocarcinoma	null	T2N0M0
E11	F	38	Thyroid	Papillary adenocarcinoma	null	T3N0M0
E12	F	11	Thyroid	Papillary adenocarcinoma	null	T3N1M0
F01	F	31	Thyroid	Papillary adenocarcinoma	III	T3N0M0
F02	M	16	Thyroid	Follicular carcinoma	null	T3N1M0
F03	F	33	Thyroid	Papillary adenocarcinoma	null	T2N0M0
F04	M	34	Thyroid	Follicular papillary adenocarcinoma	null	T2N1M0
F05	F	44	Thyroid	Papillary adenocarcinoma	null	T2N0M0
F06	F	42	Thyroid	Papillary adenocarcinoma	null	T2N0M0
F07	F	64	Thyroid	Papillary adenocarcinoma	null	T2N1M0
F08	M	51	Thyroid	Papillary adenocarcinoma	null	T1N0M0
F09	F	22	Thyroid	Papillary adenocarcinoma	null	T2N0M0
F10	F	30	Thyroid	Papillary adenocarcinoma	null	T2N0M0
F11	F	38	Thyroid	Papillary adenocarcinoma	null	T3N0M0
F12	F	11	Thyroid	Papillary adenocarcinoma	null	T3N1M0
G01	M	58	Thyroid	Papillary adenocarcinoma	null	T3N0M1
G02	M	19	Thyroid	Papillary adenocarcinoma	null	T2N0M0
G03	M	58	Thyroid	Papillary adenocarcinoma	null	T1N0M0
G04	F	41	Thyroid	Papillary adenocarcinoma	null	T2N0M0
G05	M	26	Thyroid	Follicular carcinoma	null	T2N1M0
G06	F	44	Thyroid	Follicular carcinoma	null	T2N0M0
G07	F	54	Thyroid	Papillary adenocarcinoma	null	T2N0M0
G08	M	65	Thyroid	Undifferentiated carcinoma	null	T3N0M0
G09	F	79	Thyroid	Undifferentiated carcinoma	null	T3N1M0
G10	M	63	Thyroid	Medullary carcinoma	null	T2N1M0
G11	F	25	Thyroid	Lymphoma, diffuse large B cell lymphoma	null	null
G12	F	77	Thyroid	Lymphoma, MALT-B cell lymphoma, high grade	null	null
H01	M	58	Thyroid	Papillary adenocarcinoma	null	T3N0M1
H02	M	19	Thyroid	Papillary adenocarcinoma	null	T2N0M0
H03	M	58	Thyroid	Papillary adenocarcinoma	null	T1N0M0
H04	F	41	Thyroid	Papillary adenocarcinoma	null	T2N0M0
H05	M	26	Thyroid	Follicular carcinoma	null	T2N1M0
H06	F	44	Thyroid	Follicular carcinoma	null	T2N0M0
H07	F	54	Thyroid	Papillary adenocarcinoma	null	T2N0M0
H08	M	65	Thyroid	Undifferentiated carcinoma	null	T3N0M0
H09	F	79	Thyroid	Undifferentiated carcinoma	null	T3N1M0
H10	M	63	Thyroid	Medullary carcinoma	null	T2N1M0
H11	F	25	Thyroid	Lymphoma, diffuse large B cell lymphoma	null	null
H12	F	77	Thyroid	Lymphoma, MALT-B cell lymphoma, high grade	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.

Certified by: Langxing Pan, M.D.

TNM Classification: Thyroid carcinoma

T- Primary tumor

TX - Primary tumor cannot be assessed

TO - No evidence of primary tumor

T1 - Tumor 1 cm or less in greatest dimension, limited to the thyroid

T2 - Tumor more than 1 cm but not more than 4 cm in greatest dimension, limited to the thyroid

T3 - Tumor more than 4 cm in greatest dimension, limited to the thyroid

T4 - Tumor of any size extending beyond the thyroid capsule

N - Regional lymph nodes

NX - Regional lymph nodes cannot be assessed

NO - No regional lymph node metastasis

N1 - Regional lymph node metastasis

N1a - Metastasis in ipsilateral cervical lymph nodes

N1b - Metastasis in bilateral, midline, or contralateral cervical or mediastinal lymph nodes

M - Distant metastasis

MX - Distant metastasis cannot be assessed

MO - No distant metastasis

M1 - Distant metastasis

Histopathologic Types

- Papillary carcinoma
- Follicular carcinoma
- Medullary carcinoma
- Undifferentiated (anaplastic) carcinoma

TNM classification of malignant tumours, Fifth Edition (1997)