



Cat No: **THD181** – Thyroid gland disease tissue array

Lot#	Cores	Size	Cut	Format	QA/QC		
THD18101	18	2.5mm	4um	4X5	H&E, IHC anti-Cytokeratin		

Recommended applications: For Research use only. Designed for thyroid disease RNA or protein tissue profiling using IHC or ISH.

Description: 6 types, 18 cases of inflammatory and tumor tissues of the thyroid gland.

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	M	48	Thyroid	Normal	null	null
A02	F	37	Thyroid	Normal	null	null
A03	F	30	Thyroid	Diffuse toxic goiter	null	null
A04	F	39	Thyroid	Diffuse toxic goiter	null	null
A05	F	19	Thyroid	Diffuse toxic goiter	null	null
B01	M	23	Thyroid	Diffuse nontoxic goiter	null	null
B02	F	26	Thyroid	Diffuse nontoxic goiter	null	null
B03	M	16	Thyroid	Diffuse nontoxic goiter*	null	null
B04	F	50	Thyroid	Hashimoto's thyroiditis	null	null
B05	F	49	Thyroid	Multi-nodular goiter	null	null
C01	M	54	Thyroid	Multi-nodular goiter	null	null
C02	M	56	Thyroid	Multi-nodular goiter	null	null
C03	M	58	Thyroid	Adenoma	null	null
C04	F	42	Thyroid	Adenoma	null	null
C05	F	32	Thyroid	Adenoma	null	null
D01	F	45	Thyroid	Papillary adenocarcinoma	I~II	T3N0M0
D02	F	24	Thyroid	Papillary adenocarcinoma	II~III	T2N1M0
D03	F	42	Thyroid	Papillary adenocarcinoma	null	T2N0M0

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.

Certified by: Langxing Pan, M.D.