



## Cat No: LYM181 - Lymphoma tissue array

Lot#	Cores	Size	Cut	Format	QA/QC	Pantomics, Inc.	
LYM18101	18	2.5mm	4um	4X5	H&E, IHC anti-LCA		

**Recommended applications:** For research use only. RNA or protein analyses using IHC or ISH suitable for general lymphoma tissue profiling.

**Description:** 2.5mm tissue array containing 5 types of 14 cases of various lymphomas from 7 nodal and extranodal sites designed for general lymphoma tissue profiling. 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 all have a guaranteed six months' shelf-life at 4C from the date of shipment.

Array position	Sex	Age	Pathology	Anatomic site
A1	M	54	Diffuse large B cell lymphoma	Lymph node
A2	M	29	Diffuse large B cell lymphoma	Lymph node
A3	M	72	Diffuse large B cell lymphoma	Testis
A4	F	77	Diffuse large B cell lymphoma	Thyroid
A5	M	76	Diffuse large B cell lymphoma	Tonsil
B1	F	27	Diffuse large B cell lymphoma	Lymph node
B2	M	42	Diffuse large B cell lymphoma	Lymph node
B3	M	30	Diffuse large B cell lymphoma	Lymph node
B4	M	7	Hodgkin's lymphoma (Hodgkin's disease)	Lymph node
B5	M	40	Hodgkin's lymphoma (Hodgkin's disease)	Lymph node
C1	F	33	Mucosa-associated lymphoid tissue lymphoma	Stomach
C2	F	50	Mucosa-associated lymphoid tissue lymphoma	Parotid gland
C3	M	55	Peripheral T cell lymphoma	Lymph node
C4	M	53	Peripheral T cell lymphoma	Mesentery
C5	F	24	Chronic appendicitis	Appendix
D1	M	6	Reactive lymph node	Lymph node
D2	F	8	Reactive tonsil	Tonsil
D3	M	40	Spleen - normal	Spleen

**Notes:** Bake at 60C for 30 minutes before use. If antigen retrieving is needed, it is always a good idea to start with a protocol with weak to mild strength.

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



## Clinical Staging: Malignant Lymphoma

- Stage I - Involvement of a single lymph node region (I), or localized involvement of a single extrahepatic organ or site (I<sub>E</sub>)
- Stage II - Involvement of two or more lymph node regions on the same site of the diaphragm (II), or localized involvement of a single extralymphatic organ or site and its regional lymph node(s) with or without involvement of other lymph node regions on the same side of the diaphragm (II<sub>E</sub>). The number of lymph node regions involved may be indicated by a subscript (e.g. II<sub>3</sub>)
- Stage III - Involvement of lymph node regions on both sides of the diaphragm (III), which may also be accompanied by localized involvement of an associated extralymphatic organ or sites (III<sub>E</sub>), or by involvement of spleen (III<sub>s</sub>) or both (III<sub>E</sub>+s)
- Stage IV - Disseminated (multifocal) involvement of one or more extralymphatic organs, with or without associated lymph node involvement; or isolated extralymphatic organ involvement with distant (non-regional) nodal involvement

### A and B Classification

Each stage should be divided into A and B according to the absence or presence of defined general symptoms. These are:

1. Unexplained weight loss of more than 10% of the usual body weight for the 6 months prior to first attendance.
2. Unexplained fever with temperature above 38 degree
3. Night sweat

### Pathological Staging

Splenectomy, liver biopsy, lymph node biopsy and marrow biopsy are mandatory for the establishment of pathological staging

TNM classification of malignant tumours, Fifth Edition (1997)