



**Cat No: LYM401 - Lymphoma tissue array**

Lot#	Cores	Size	Cut	Format	QA/QC		
LYM40101	40	1.1mm	4um	5X8	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:** [Lymphoma array](#), >30 cases of various types of nodal and extranodal lymphoma, together with LYM321, LYM761 and LYM771 forming the lymphoma array set for in-house QA/QC purpose. 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.

Position	Age	Sex	Site	Histology	Bcl-2	Bcl-6	Cyclin D1	Alk1
A1	77	F	Thyroid	MALT lymphoma, high grade	++50%	-	-	-
A2	24	F	Neck	Non-Hodgkin B cell lymphoma	+++	-	-	-
A3	24	F	Neck	Non-Hodgkin B cell lymphoma	+++	+++	-	-
A4	53	M	Small intestine	Peripheral T cell lymphoma, unspecified	++10%	-	-	-
A5	55	M	Neck	Non-Hodgkin B cell lymphoma	+++	-	-	-
A6	54	F	Shoulder	Non-Hodgkin B cell lymphoma	+++	+++	-	-
A7	29	M	Neck	Non-Hodgkin B cell lymphoma	-	+++	-	-
A8	52	M	Leg	Non-Hodgkin B cell lymphoma?	+++	-	-	-
B1	27	F	Lymph node	Non-Hodgkin B cell lymphoma	+++	+++	-	-
B2	48	M	Colon	Non-Hodgkin B cell lymphoma	++15%	++10%	-	-
B3	60	M	Colon	Non-Hodgkin B cell lymphoma	++15%	+++	-	-
B4	72	M	Peritoneal cavity	Non-Hodgkin B cell lymphoma	++25%	-	-	-
B5	42	M	Axillary lymph node	Diffuse large B cell lymphoma	+++	+++	-	-
B6	7	M	Neck	Hodgkin lymphoma			-	-
B7	66	M	Neck	Non-Hodgkin B cell lymphoma	+++	++25%	-	-
B8	33	M	Neck	Non-Hodgkin B cell lymphoma	++20%	-	-	-
C1	51	M	Neck	Anaplastic large cell lymphoma?			-	-
C2	55	M	Lung	Non-Hodgkin B cell lymphoma?	+++	++25%	-	-
C3	72	M	Testis	Non-Hodgkin B cell lymphoma	+++	++	-	-
C4	71	F	Lymph node	Non-Hodgkin B cell lymphoma	-	+++	-	-
C5	43	M	Stomach	Non-Hodgkin B cell lymphoma, MALT?	-	+++	-	-
C6	52	F	Neck	Diffuse large B cell lymphoma	+++	++	-	-
C7	60	M	Colon	Non-Hodgkin B cell lymphoma	++20%	++	-	-
C8	30	M	Neck	Hodgkin lymphoma	++20%		-	-
D1	33	F	Stomach	Non-Hodgkin B cell lymphoma, MALT?	-	+++	-	-
D2	70	F	Mesenteric site	Non-Hodgkin B cell lymphoma	+++	-	-	-
D3	43	F	Neck	Non-Hodgkin B cell lymphoma	+++	++	-	-
D4	76	M	Tonsil	Non-Hodgkin B cell lymphoma	+++	+++	-	-
D5	65	M	Neck	Non-Hodgkin B cell lymphoma	+++	+++	-	-



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D6	39	M	Neck	Reactive?, lymphoma?			-	-
D7	53	M	Neck	Diffuse large B cell lymphoma	+++	++	-	-
D8	64	M	Neck	Non-Hodgkin B cell lymphoma	+++	++	-	-
E1	58	F	Lymph node	Non-Hodgkin B cell lymphoma	+++	-	+	-
E2	43	M	Neck	Mantle cell lymphoma	-	-	++	-
E3	45	M	Pelvic	Mantle cell lymphoma	+++	-	++	-
E4	45	M	Pelvic	Mantle cell lymphoma	+++	-	++	-
E5	45	M	Pelvic	Mantle cell lymphoma	+++	-	++	-
E6	52	F	Ovary	Mantle cell lymphoma	+++	+	++	-
E7	69	M	Neck	Mantle cell lymphoma?	-	++	-	-
E8	69	M	Neck	Mantle cell lymphoma	+++	-	++	-

Notes: Bake at 60C for 30 minutes before use.

**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)