

Cat No: LYM1505– Lymphoma tissue array

Lot#	Cores	Size	Cut	Format	QA/QC	Pantomics, Inc.	
LYM150501	150	1.1mm	4um	10X15	H&E, IHC anti-LCA		

Recommended applications: For research use only. For RNA or protein profiling of general lymphoma/Non-Hodgkin B cell lymphoma tissue using IHC or ISH, and for antibody characterization.

Description: Lymphoma array, 75 cases, set 5, non-overlapping with LYM1501, LYM1502, LYM1503 or LYM1504, 150 cores from reactive lymphoid tissues (5 cases) and various types of nodal and extranodal lymphoma (70 cases) 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	37	Tonsil	Inflammation, chronic		
A02	M	18	Tonsil	Inflammation, chronic		
A03	M	25	Spleen	Congestion		
A04	F	43	Lymph node	Normal		
A05	F	30	Lymph node	Normal		
A06	M	61	Lymph node	Lymphoma, MALT B cell lymphoma		
A07	M	62	Lymph node, neck	Lymphoma, non-Hodgkin B cell lymphoma		
A08	M	42	Lymph node	Lymphoma, diffuse large B-cell lymphoma		
A09	M	43	Lymph node, neck	Lymphoma, B small lymphocytic lymphoma		
A10	F	57	Lymph node, axillary	Lymphoma, anaplastic lymphoma, ALK-		
A11	M	30	Head and neck	Lymphoma, anaplastic lymphoma, ALK+		
A12	F	53	Lymph node	Lymphoma, follicular lymphoma		
A13	M	32	Lymph node, neck	Lymphoma, Hodgkin lymphoma		
A14	F	65	Lymph node	Lymphoma, non-Hodgkin lymphoma		
A15	M	74	Lymph node	Lymphoma, follicular lymphoma		
B01	F	37	Tonsil	Inflammation, chronic		
B02	M	18	Tonsil	Inflammation, chronic		
B03	M	25	Spleen	Congestion		
B04	F	43	Lymph node	Normal		
B05	F	30	Lymph node	Normal		
B06	M	61	Lymph node	Lymphoma, MALT B cell lymphoma		
B07	M	62	Lymph node, neck	Lymphoma, non-Hodgkin B cell lymphoma		
B08	M	42	Lymph node	Lymphoma, diffuse large B-cell lymphoma		
B09	M	43	Lymph node, neck	Lymphoma, B small lymphocytic lymphoma		
B10	F	57	Lymph node, axillary	Lymphoma, anaplastic lymphoma, ALK-		
B11	M	30	Head and neck	Lymphoma, anaplastic lymphoma, ALK+		
B12	F	53	Lymph node	Lymphoma, follicular lymphoma		
B13	M	32	Lymph node, neck	Lymphoma, Hodgkin lymphoma		
B14	F	65	Lymph node	Lymphoma, non-Hodgkin lymphoma		
B15	M	74	Lymph node	Lymphoma, follicular lymphoma		
C01	F	34	Intestine, rectum	Lymphoma, NK/T-cell lymphoma		
C02	M	76	Intestine, colon	Lymphoma, diffuse large B-cell lymphoma		
C03	M	65	Lymph node, axillary	Lymphoma, Hodgkin lymphoma		
C04	M	60	Lymph node, axillary	Lymphoma, diffuse large B-cell lymphoma		
C05	M	47	Lymph node, axillary	Lymphoma, diffuse large B-cell lymphoma		
C06	F	54	Lymph node, neck	Lymphoma, non-Hodgkin B-cell lymphoma		
C07	M	35	Head and neck	Lymphoma, follicular lymphoma		
C08	F	78	Parotid Gland	Lymphoma, MALT B cell lymphoma		
C09	F	57	Lymph node	Lymphoma, diffuse large B-cell lymphoma		

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C10	F	37	Lymph node	Lymphoma, diffuse large B-cell lymphoma		
C11	F	63	Lymph node	Lymphoma, diffuse large B-cell lymphoma		
C12	M	56	Lymph node	Lymphoma, Hodgkin lymphoma		
C13	M	50	Lymph node	Lymphoma, B small lymphocytic lymphoma		
C14	F	68	Brain	Lymphoma, non-Hodgkin B-cell lymphoma, no tumor cells		
C15	M	80	Lymph node, axillary	Lymphoma, non-Hodgkin B-cell lymphoma		
D01	F	34	Intestine, rectum	Lymphoma, NK/T-cell lymphoma		
D02	M	76	Intestine, colon	Lymphoma, diffuse large B-cell lymphoma		
D03	M	65	Lymph node, axillary	Lymphoma, Hodgkin lymphoma		
D04	M	60	Lymph node, axillary	Lymphoma, diffuse large B-cell lymphoma		
D05	M	47	Lymph node, axillary	Lymphoma, diffuse large B-cell lymphoma		
D06	F	54	Lymph node, neck	Lymphoma, non-Hodgkin B-cell lymphoma		
D07	M	35	Head and neck	Lymphoma, follicular lymphoma		
D08	F	78	Parotid Gland	Lymphoma, MALT B cell lymphoma		
D09	F	57	Lymph node	Lymphoma, diffuse large B-cell lymphoma		
D10	F	37	Lymph node	Lymphoma, diffuse large B-cell lymphoma		
D11	F	63	Lymph node	Lymphoma, diffuse large B-cell lymphoma		
D12	M	56	Lymph node	Lymphoma, Hodgkin lymphoma		
D13	M	50	Lymph node	Lymphoma, B small lymphocytic lymphoma		
D14	F	68	Brain	Lymphoma, non-Hodgkin B-cell lymphoma, no tumor cells		
D15	M	80	Lymph node, axillary	Lymphoma, non-Hodgkin B-cell lymphoma		
E01	M	64	Lymph node	Lymphoma, diffuse large B-cell lymphoma		
E02	F	81	Lymph node	Lymphoma, follicular lymphoma		
E03	F	45	Lymph node	Lymphoma, non-Hodgkin lymphoma		
E04	M	33	Tonsil	Lymphoma, diffuse large B-cell lymphoma		
E05	M	65	Chest wall	Lymphoma, non-Hodgkin lymphoma		
E06	M	65	Trunk	Lymphoma, diffuse large B-cell lymphoma		
E07	F	65	Stomach	Lymphoma, MALT B cell lymphoma		
E08	F	57	Head and neck, salivary gland	Lymphoma, non-Hodgkin lymphoma		
E09	F	64	Uterus	Undifferentiated carcinoma		
E10	M	47	Lymph node	Lymphoma, diffuse large B-cell lymphoma		
E11	F	78	Stomach	Lymphoma, diffuse large B-cell lymphoma		
E12	M	61	Intestine, colon	Lymphoma, diffuse large B-cell lymphoma		
E13	M	35	Lymph node	Lymphoma, Hodgkin lymphoma		
E14	F	48	Stomach	Lymphoma, non-Hodgkin lymphoma		
E15	F	75	Lymph node	Lymphoma, diffuse large B-cell lymphoma		
F01	M	64	Lymph node	Lymphoma, diffuse large B-cell lymphoma		
F02	F	81	Lymph node	Lymphoma, follicular lymphoma		
F03	F	45	Lymph node	Lymphoma, non-Hodgkin lymphoma		
F04	M	33	Tonsil	Lymphoma, diffuse large B-cell lymphoma		
F05	M	65	Chest wall	Lymphoma, non-Hodgkin lymphoma		
F06	M	65	Trunk	Lymphoma, diffuse large B-cell lymphoma		
F07	F	65	Stomach	Lymphoma, MALT B cell lymphoma		
F08	F	57	Head and neck, salivary gland	Lymphoma, non-Hodgkin lymphoma		
F09	F	64	Uterus	Undifferentiated carcinoma		
F10	M	47	Lymph node	Lymphoma, diffuse large B-cell lymphoma		
F11	F	78	Stomach	Lymphoma, diffuse large B-cell lymphoma		
F12	M	61	Intestine, colon	Lymphoma, diffuse large B-cell lymphoma		
F13	M	35	Lymph node	Lymphoma, Hodgkin lymphoma		
F14	F	48	Stomach	Lymphoma, non-Hodgkin lymphoma		
F15	F	75	Lymph node	Lymphoma, diffuse large B-cell lymphoma		
G01	M	58	Stomach	Lymphoma, MALT B cell lymphoma		
G02	F	49	Lymph node	Lymphoma, follicular lymphoma		
G03	F	70	Lymph node, inguinal	Lymphoma, follicular lymphoma		
G04	F	65	Pelvic cavity	Lymphoma, non-Hodgkin B-cell lymphoma		
G05	F	75	Lymph node	Lymphoma, B small lymphocytic lymphoma		
G06	M	54	Spleen	Lymphoma, diffuse large B-cell lymphoma		
G07	M	27	Lymph node	Lymphoma, non-Hodgkin B-cell lymphoma		

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G08	F	44	Stomach	Lymphoma, MALT B cell lymphoma		
G09	F	44	Lymph node, neck	Lymphoma, diffuse large B-cell lymphoma		
G10	M	75	Lymph node, neck	Lymphoma, diffuse large B-cell lymphoma		
G11	F	43	Lymph node, neck	Lymphoma, Hodgkin lymphoma		
G12	M	62	Lymph node, mesenteric	Lymphoma, diffuse large B-cell lymphoma		
G13	M	81	Lymph node, neck	Lymphoma, non-Hodgkin B-cell lymphoma		
G14	M	69	Abdomen wall	Lymphoma, non-Hodgkin B-cell lymphoma		
G15	M	56	Head and neck, salivary gland	Lymphoma, follicular lymphoma		
H01	M	58	Stomach	Lymphoma, MALT B cell lymphoma		
H02	F	49	Lymph node	Lymphoma, follicular lymphoma		
H03	F	70	Lymph node, inguinal	Lymphoma, follicular lymphoma		
H04	F	65	Pelvic cavity	Lymphoma, non-Hodgkin B-cell lymphoma		
H05	F	75	Lymph node	Lymphoma, B small lymphocytic lymphoma		
H06	M	54	Spleen	Lymphoma, diffuse large B-cell lymphoma		
H07	M	27	Lymph node	Lymphoma, non-Hodgkin B-cell lymphoma		
H08	F	44	Stomach	Lymphoma, MALT B cell lymphoma		
H09	F	44	Lymph node, neck	Lymphoma, diffuse large B-cell lymphoma		
H10	M	75	Lymph node, neck	Lymphoma, diffuse large B-cell lymphoma		
H11	F	43	Lymph node, neck	Lymphoma, Hodgkin lymphoma		
H12	M	62	Lymph node, mesenteric	Lymphoma, diffuse large B-cell lymphoma		
H13	M	81	Lymph node, neck	Lymphoma, non-Hodgkin B-cell lymphoma		
H14	M	69	Abdomen wall	Lymphoma, non-Hodgkin B-cell lymphoma		
H15	M	56	Head and neck, salivary gland	Lymphoma, follicular lymphoma		
I01	F	76	Brain	Lymphoma, diffuse large B-cell lymphoma		
I02	M	5	Lymph node	Lymphoma, Hodgkin lymphoma		
I03	F	43	Spleen	Lymphoma, follicular lymphoma		
I04	F	60	Lymph node	Lymphoma, non-Hodgkin B-cell lymphoma		
I05	M	60	Lymph node, inguinal	Lymphoma, mantle cell lymphoma		
I06	M	67	Lymph node	Lymphoma, diffuse large B-cell lymphoma		
I07	M	22	Lymph node	Lymphoma, Hodgkin lymphoma		
I08	M	62	Lymph node	Lymphoma, follicular lymphoma		
I09	M	45	Lymph node	Lymphoma, Hodgkin lymphoma		
I10	M	61	Peritoneum	Lymphoma, mantle cell lymphoma		
I11	F	80	Lymph node	Lymphoma, diffuse large B-cell lymphoma		
I12	F	75	Lymph node	Lymphoma, B small lymphocytic lymphoma		
I13	F	54	Lymph node	Lymphoma, mantle cell lymphoma		
I14	M	50	Lymph node	Lymphoma, follicular lymphoma		
I15	M	42	Lymph node	Lymphoma, mantle cell lymphoma		
J01	F	76	Brain	Lymphoma, diffuse large B-cell lymphoma		
J02	M	5	Lymph node	Lymphoma, Hodgkin lymphoma		
J03	F	43	Spleen	Lymphoma, follicular lymphoma		
J04	F	60	Lymph node	Lymphoma, non-Hodgkin B-cell lymphoma		
J05	M	60	Lymph node, inguinal	Lymphoma, mantle cell lymphoma		
J06	M	67	Lymph node	Lymphoma, diffuse large B-cell lymphoma		
J07	M	22	Lymph node	Lymphoma, Hodgkin lymphoma		
J08	M	62	Lymph node	Lymphoma, follicular lymphoma		
J09	M	45	Lymph node	Lymphoma, Hodgkin lymphoma		
J10	M	61	Peritoneum	Lymphoma, mantle cell lymphoma		
J11	F	80	Lymph node	Lymphoma, diffuse large B-cell lymphoma		
J12	F	75	Lymph node	Lymphoma, B small lymphocytic lymphoma		
J13	F	54	Lymph node	Lymphoma, mantle cell lymphoma		
J14	M	50	Lymph node	Lymphoma, follicular lymphoma		
J15	M	42	Lymph node	Lymphoma, mantle cell lymphoma		

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: Fancai Li, M.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_E)

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_E). The number of lymph node regions involved may be indicated by a subscript (e.g. II₃)

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_E), or by involvement of spleen (III_s) or both (III_{e+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)