

DIAGNOSTIC ANTIBODIES

IHC AND FLOW CYTOMETRIC EVALUATION

IMMUNOPHENOTYPING

LYMPHOMA DIAGNOSTIC PROFILE

Test Code: 430

Methodology: Flow Cytometry

Turnaround Time*: 1-2 days

Flow cytometric-based identification and classification of malignancies where morphologic or clinical findings indicate a lymphocytic origin of atypical cells. May differentiate between reactive and neoplastic processes in lymph nodes.

LEUKEMIA DIAGNOSTIC PROFILE

Test Code: 440

Methodology: Flow Cytometry

Turnaround Time*: 1-2 days

Flow cytometric-based identification and classification of acute leukemias where morphologic or clinical findings indicate an unknown origin or atypical cells. May differentiate between myeloid or lymphoid neoplastic processes in bone marrow and peripheral blood.

Antibody Library by Flow Cytometry:

702	CD2	722	CD22
703	CD3	722	CD23
704	CD4	725	CD25
705	CD5	730	CD30
707	CD7	733	CD33
708	CD8	734	CD34
710	CD10	738	CD38
761	CD11c	745	CD45
713	CD13	771	FMC7
714	CD14	772	HLA-DR
715	CD15	773	Kappa Light Chain
719	CD19	774	Lambda Light Chain
720	CD20	777	TdT

Appropriate immunophenotyping antibodies will be selected by Exiqon Diagnostics pathologists based on specimen type and presumptive diagnosis.

Note: A hemogram and peripheral blood cell count obtained at the time of collection must be submitted with the sample.

SPECIMEN HANDLING REQUIREMENTS

See Oncotech Specimen Handling and Ordering Guidelines Booklet

EXIQON Diagnostics

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Laboratory testing performed by Oncotech, Inc. (dba Exiqon Diagnostics), a wholly owned subsidiary of Exiqon A/S.

IMMUNOHISTOCHEMISTRY

Test Code: 800 series

Methodology: IHC

Turnaround Time*: 2-3 days

Exiqon Diagnostics offers a range of diagnostic antibodies by immunohistochemistry to aid in the evaluation of human tumors and detection of important prognostic/predictive markers. Results generated from this analysis can assist in categorizing “undifferentiated” malignant tumors, leukemia, lymphoma; determining site of origin of metastatic neoplasms; subclassification of tumors; and differentiating between malignant mesotheliomas and carcinomas.

PATHOLOGY DIAGNOSTIC CONSULTATION

Test Code: 190

Turnaround Time*: 7 days

Primary or confirmatory diagnosis from slides, blocks, fresh tissue, peripheral blood, bone marrow, effusions and aspirates including fine needle aspiration. Our pathology team follows an integrated approach in the diagnosis of lymphoma and leukemia by combining morphologic diagnosis with pertinent immunophenotypic and molecular studies for the most accurate evaluation of the individual patient’s malignancy. A comprehensive list of the antibody library is listed above.

Diagnostic Antibodies by IHC:

804	B72.3	801	CK, pan (AE1/AE3)
570	Bcl-2	831	Desmin
807	Ber-EP4	805	EMA
817	CA 125	811	GCDFFP-15
810	CA 15.3	837	GFAP
873	Calretinin	826	HBME-1
861	CD3	843	HMB-45
845	CD15	847	Kappa Light Chain
849	CD20	848	Lambda Light Chain
846	CD30	878	Melan-A
834	CD31	830	Muscle Specific Actin
836	CD34	865	Myeloperoxidase
862	CD43	820	PLAP
844	CD45	821	PSA
853	CD68	842	S-100
828	CEA	832	Smooth Muscle Actin
839	Chromogranin	859	Synaptophysin
863	Cyclin D (Bcl-1)	875	TTF-1
812	CK7	850	UCHL-1
813	CK20	829	Vimentin

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