INTENDED USE

Lymphocyte Enzyme Kits are for use in the detections of acid phosphatase (Kit No. 1810A) or α-naphthyl butyrate esterase (Kit No. 1811B) in blood, bone marrow films and tissue touch preparations. Lymphocyte Enzyme Kits are for "In Vitro Diagnostic Use."

Dissection of normal T-cell maturation into discrete stages by enzyme cytochemistry preparations. Lymphocyte Enzyme Kits are for "In Vitro Diagnostic Use."

A focal (dot) pattern when stained for AcP and BG. The majority of mature T-cells, as defined by sheep red blood cell rosetting, display a distinct AcP+, BG+. Whereby differentiating T-cells progress from AcP+, BG- to AcP- to AcP+, BG+.

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20. Knowles DM II, Halper JP: Human medullary and cortical thymocytes are distinguishable
6. 2. 1. and overlap to some extent the T suppressor cell population. 

The focal (dot) staining pattern observed in some lymphocytes is suggestive of thymic lineage (T-cells).

ACID PHOSPHATASE: Focal (dot) staining of lymphocytes is suggestive of thymic lineage (T-cells).

NADPH-1: Paraffin sections are used for the light microscope detection of leukocyte cell surface antigens with monoclonal antibodies. J Clin Immunol 10:77, 1990


42. According to the presence or absence of cytotoxic chemically demonstrable acid alpha-naphthyl acetate esterase (ANAE) activity. J Immunol 125:2823, 1980


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Procedure No. 181
Previous Revision: 2014-09
Revised: 2016-11

ACID PHOSPHATASE: Focal (dot) staining of lymphocytes is suggestive of thymic lineage (T-cells).

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3. Janossy G: Differentiation of Human Bone Marrow Cells and Thymocytes. Ibid., p 45


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