



Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.



CD4/CD8 Ratio for BAL

Alternative Name

CD4/CD8 for Bronchoalveolar Lavage

Methodology

Flow Cytometry

Test Description

Available as global test only for bronchoalveolar lavage (BAL) specimens. Markers are CD3, CD4, CD8, and CD45 (4 markers). This test is not for quantitative immune status monitoring. (Tech-only testing is not offered as this test does not have a separate professional component.)

Clinical Significance

This panel can be helpful to differentiate sarcoidosis and hypersensitivity pneumonitis from other causes or types of interstitial lung disease.

Reference: Meyer KC, et al. An official American Thoracic Society clinical practice guideline: the clinical utility of bronchoalveolar lavage cellular analysis in interstitial lung disease. *Am J Respir Crit Care Med.* 2012;185(9):1004-14.

Specimen Requirements

- **BAL fluid:** 10-50 ml BAL fluid combined with equal volume of RPMI
- **Note:** Please exclude biopsy needles, blades, and other foreign objects from transport tubes. These can compromise specimen viability and yield, and create hazards for employees.

Storage & Transportation

Please send specimens as soon as possible after collection. Ideally specimens should be received at NeoGenomics within 24 hours from collection for optimal sample integrity and acceptable cell viability. Note: New York State samples must be received within 48 hours from collection per NYS requirements. Refrigerate specimen. Do not freeze. Use cold pack for transport, making sure cold pack is not in direct contact with specimen.

CPT Code(s)*

88184x1, 88185x3

New York Approved

No

Turnaround Time

24 hours

*The CPT codes provided with our test descriptions are based on AMA guidelines and are for informational purposes only. Correct CPT coding is the sole responsibility of the billing party.

Please direct any questions regarding coding to the payor being billed.

NeoGenomics Laboratories is a specialized oncology reference laboratory providing the latest technologies, testing partnership opportunities, and interactive education to the oncology and pathology communities. We offer the complete spectrum of diagnostic services in molecular testing, FISH, cytogenetics, flow cytometry, and immunohistochemistry through our nation-wide network of CAP-accredited, CLIA-certified laboratories.

Committed to research as the means to improve patient care, we provide Pharma Services for pharmaceutical companies, in vitro diagnostic manufacturers, and academic scientist-clinicians. We promote joint publications with our client physicians. NeoGenomics welcomes your inquiries for collaborations. Please contact us for more information.

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