

ASPERGILLUS ANTIGEN, BRONCHOALVEOLAR LAVAGE FLUID #61009

USEFUL FOR: As an aid in the diagnosis of invasive, pulmonary aspergillosis

METHOD: Enzyme immunoassay (EIA)

REFERENCE VALUES: Negative

SPECIMEN REQUIREMENTS: Send 2 mL of bronchoalveolar lavage (BAL) fluid in a sterile vial, frozen.

CAUTIONS: False-positive results are reported to occur at rates 8-14% with this assay when performed on serum. Semi-synthetic antibiotics such as piperacillin, amoxicillin and augmentin have been demonstrated to cross-react with the antibody used in this assay. In addition, false-positive results are possible in patients receiving Plasma-Lyte for intravenous hydration or if Plasma-Lyte is used during bronchoscopy to collect BAL fluid. Numerous foods (e.g., pasta, rice) contain galactomannan and it is thought that damage to the gut wall by cytotoxic therapy, irradiation or graft-verses-host disease (GVHD) may enable translocation of the galactomannan from the gut lumen into the blood. Whether false-positive results in BAL fluid are associated with certain antibiotics, Plasma-Lyte use, or the consumption of certain foods, as observed in serum samples, remains to be determined.

LIST FEE: \$148.60

CPT CODE: 87305

ANALYTIC TIME: 1 day

DAY(S) SET-UP: Monday through Sunday

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager
Kim J. Baker, Mayo Medical Laboratories' Technologist Support
Telephone: 800-533-1710