DIAGNOSIS OF AGE-RELATED MACULAR DEGENERATION

TECH FIELD(S)

Biology and Medicine

FEATURES

The invention provides methods and kits for diagnosing and monitoring Age Related Macular Degeneration (AMD). The invention is designed to assess the efficacy of treatment of AMD or monitoring the progression of AMD in an individual. One of the components used in this test is the SELDI Biomarkers. This AMD diagnostic methodology has the potential to detect the very early stages of AMD prior to an individual presenting with any symptoms or signs of the disease.

BENEFITS

AMD is the leading cause of blindness in adults over 60, affecting more than 50 million people worldwide, while some therapeutic options are available and others are being developed, there is a need for new AMD diagnostic methods that are non-invasive, provide earlier diagnosis, and have prognostic value. The present invention addresses these and other needs. One of the more definitive tests for AMD is fluorescein angiography; however, it is only used to detect wet AMD and is fairly invasive. Diagnostic tests of the invention have the potential to be of broader utility and less invasive.

INVENTOR(S)

Gregory S. Hageman

INTELLECTUAL PROPERTY STATUS

U.S. Patent Application Filed.

CONTACT

Zev Sunleaf
University of Iowa Research Foundation
319.335.4155