



NEWS RELEASE

Revvity's EUROIMMUN Launches Solution for Specific Typing of Alzheimer's Disease Associated APOE Gene

2024-10-02

APOE genotyping allows assessment of a patient's risk for adverse effects from new anti-amyloid therapy for Alzheimer's

WALTHAM, Mass.--(BUSINESS WIRE)-- **Revvity, Inc.** (NYSE: RVTY), announced today the launch of the in-vitro diagnostic **EURORealTime™ APOE assay** in European countries that accept the CE mark, which will enable accurate genotyping of the APOE gene. APOE genotyping is valuable to assess a patient's risk for side effects prior to the start of an anti-amyloid (beta) therapy in Alzheimer's disease.

"With the introduction of new disease-modifying drugs for treating Alzheimer's, a new era of therapy has begun for this incurable disease. However, it has been found that patients taking these treatments with a certain form of the APOE gene have a significant risk for developing potentially life-threatening side effects, called **ARIA**, referring to edema or microbleedings in the brain," explains Dr. Lars Komorowski, chief scientific officer of EUROIMMUN. "Being able to easily determine the APOE genotype of patients before starting therapy is key to assessing the individual risk for potential negative consequences."

The real-time EURORealTime APOE PCR test allows simultaneous detection of the three most frequent APOE forms, designated E2, E3 and E4. Carriers of exclusively E4 exhibit the highest risk for ARIA under therapy. With the new test now available from Revvity's EUROIMMUN, only one reaction is required using genomic DNA isolated from a single blood sample to determine the patient's APOE genotype. The assay processing can be automated to scalable degrees on Revvity instruments, including the EUROIMMUN **PreNAT II™** and the **chemagic™ 360** platforms. Results are evaluated, documented and archived using the **EURORealTime analysis software**.

For clinicians treating Alzheimer's patients, this approach to APOE genotyping will grant additional patient information and will enable a more personalized approach in anti-amyloid (beta) treatment.

About Revvity

At Revvity, "impossible" is inspiration, and "can't be done" is a call to action. Revvity provides health science solutions, technologies, expertise and services that deliver complete workflows from discovery to development, and diagnosis to cure. Revvity is revolutionizing what's possible in healthcare, with specialized focus areas in translational multi-omics technologies, biomarker identification, imaging, prediction, screening, detection and diagnosis, informatics and more.

With 2023 revenue of more than \$2.7 billion and over 11,000 employees, Revvity serves customers across pharmaceutical and biotech, diagnostic labs, academia and governments. It is part of the S&P 500 index and has customers in more than 190 countries.

Stay updated by following our [Newsroom](#) , [LinkedIn](#) , [X](#) , [YouTube](#) , [Facebook](#) and [Instagram](#) .

Media Relations:

Chet Murray

(781) 462-5126

chet.murray@revvity.com

Investor Relations:

Steve Willoughby

steve.willoughby@revvity.com

Source: Revvity