



# APOE genotyping with the EURORealTime APOE

For assessment of the risk of medication side effects in  
anti-amyloid beta antibody therapy for Alzheimer's disease



**New active substances** for anti-amyloid beta antibody therapy of early-stage Alzheimer's disease (e.g. lecanemab, donanemab)



**Increased risk** of potentially life-threatening side effects in the form of brain swelling/bleeds (**ARIA**, amyloid-related imaging abnormalities) in carriers of two copies of the APOE allele  $\epsilon 4$



**$\epsilon 4/\epsilon 4$  genotype** is an exclusion criterion for therapy in some countries.



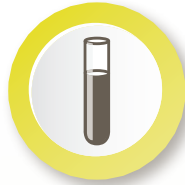
**APOE genotyping** supports the proactive evaluation of the individual ARIA risk.

Find more information on genotyping by means of PCR (polymerase chain reaction) assay on the following page.



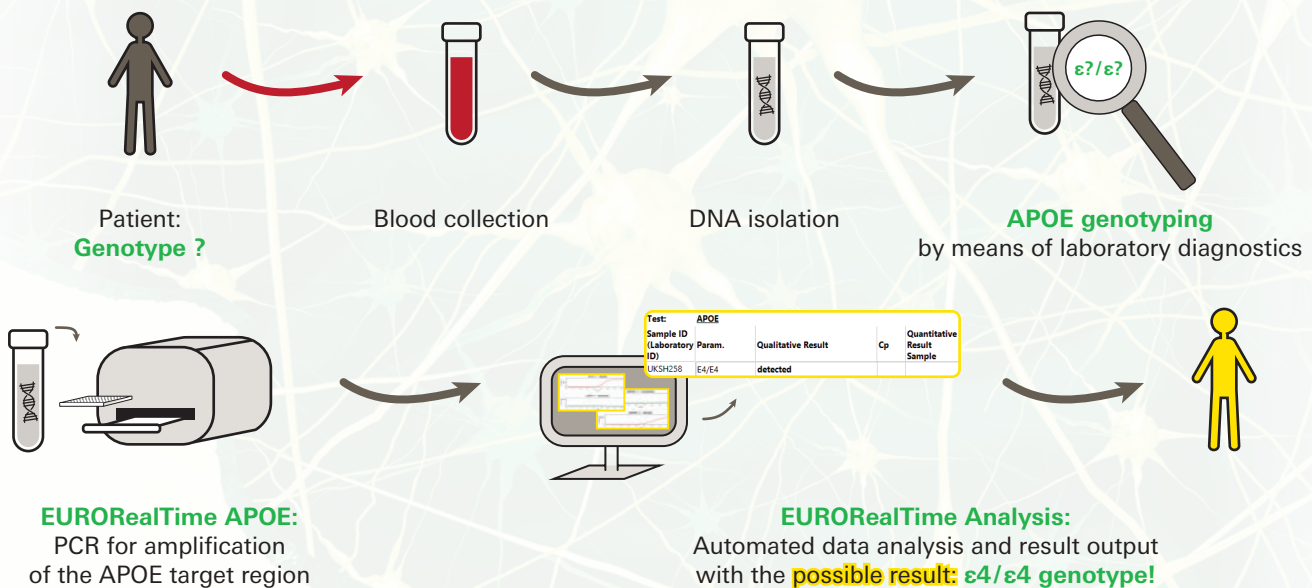


## EURORealTime APOE\* (order no. MP 5710-####)



- Real-time PCR-based **multiplex test**
- Precise typing for the six APOE genotypes **ε2/ε2, ε2/ε3, ε2/ε4, ε3/ε3, ε3/ε4 and ε4/ε4**
- Only one reaction per patient thanks to the **one-tube reaction**
- **Ready-for-use** reagents
- Sample material: genomic DNA isolated from **EDTA blood**
- **Clear result:** automated data analysis and result output thanks to the **EURORealTime Analysis** software
- PCR duration (excl. DNA extraction): **1.5 h**
- Compatible with different **real-time PCR cyclers**
- Different **automation options** for DNA extraction and PCR setup available

## APOE genotyping procedure



EUROIMMUN also offers **ELISAs** and **chemiluminescence assays** for the detection of the **biomarkers amyloid beta, total Tau and pTau(181)**, which can support early diagnosis of a possible Alzheimer's disease.

EUROIMMUN is your partner – we support you from early disease recognition to therapy initiation!

\* IVDR conformity

Regulatory status of the products must be verified for the user's individual jurisdiction. Please contact your country representative for product availability and information.

**TOGETHER AT THE PULSE OF NEUROLOGY**

[neurodiagnostics@euroimmun.de](mailto:neurodiagnostics@euroimmun.de)

