

**Disease**

# Apolipoprotein C-II (apoC-II) deficiency<sup>1, 2</sup>

**Gene**

## APOC2

|                                                 |                                                                                                                                                                                                                           |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inheritance</b>                              | AR                                                                                                                                                                                                                        |
| <b>Current Treatments</b>                       | volanesorsen, dietary fat restriction, Olezarsen, plozasiran (Redemplo)                                                                                                                                                   |
| <b>Evidence for Treatment</b>                   | expert opinion                                                                                                                                                                                                            |
| <b>Non-Molecular Testing Availability</b>       | yes                                                                                                                                                                                                                       |
| <b>Non-Molecular Test</b>                       | triglyceride level <sup>3</sup>                                                                                                                                                                                           |
| <b>Disease Frequency (per 100,000)</b>          | 0.55 <sup>2, 4</sup>                                                                                                                                                                                                      |
| <b>Genes Included in Disease Frequency</b>      | LPL , APOC2, LMF1 , APOA5, GPIHBP1                                                                                                                                                                                        |
| <b>Experimental / Investigational Therapies</b> | <a href="https://clinicaltrials.gov/ct2/results?cond=APOC2&amp;term=&amp;cntry=&amp;state=&amp;city=&amp;dist=">https://clinicaltrials.gov/ct2/results?cond=APOC2&amp;term=&amp;cntry=&amp;state=&amp;city=&amp;dist=</a> |

**References**

- <sup>1</sup> <https://www.ncbi.nlm.nih.gov/pubmed/31390500>
- <sup>2</sup> <https://www.ncbi.nlm.nih.gov/books/NBK1308/#lpl.Summary>
- <sup>3</sup> <https://pubmed.ncbi.nlm.nih.gov/31840878/>
- <sup>4</sup> <https://www.ncbi.nlm.nih.gov/pubmed/21519249>