



*AFRICAN ANCESTRY AND CKD?*

# THINK AMKD

APOL1-mediated kidney disease (AMKD) is a rapidly progressive form of proteinuric kidney disease.<sup>1,2</sup> It is a genetic disease caused by 2 variants of the *APOL1* gene and a second hit.<sup>3</sup> Chronic kidney disease (CKD) patients of African ancestry with the *APOL1* high-risk genotype progress to dialysis 9 to 12 years earlier than those who lack the high-risk genotype.<sup>2,4</sup>

**An AMKD diagnosis can help better inform patient management by providing a clearer prognosis, guiding treatment decisions, opening up clinical trial options, and empowering patients with knowledge.**

# INTERESTED IN A NO-COST *APOL1* TEST FOR ELIGIBLE PATIENTS?

There are no-cost *APOL1* genetic tests available for patients who meet certain eligibility criteria, sponsored by Vertex Pharmaceuticals.\*

- **Arkana Laboratories:** single-gene test for *APOL1*
- **Labcorp:** single-gene test for *APOL1*
- **Natera:** renal panel test for 385+ genes including *APOL1*

*APOL1* testing may be available to patients who meet all of the following criteria:

- AFRICAN ANCESTRY**
- DECLINED KIDNEY FUNCTION (CKD STAGES 1-4)**
- ABSENCE OF DIABETES**
- NO HISTORY OF DIALYSIS OR KIDNEY TRANSPLANTATION**



**DIVE DEEPER INTO *APOL1* TESTING**

\*Geographic limitations may apply. Additional terms and conditions apply. This program is subject to change or discontinuation without notice.

**References:** 1. Freedman BI, Burke W, Divers J, et al. Diagnosis, education, and care of patients with *APOL1*-associated nephropathy: a Delphi consensus and systematic review. *J Am Soc Nephrol.* 2021;32(7):1765-1778. doi:10.1681/ASN.2020101399 2. Elliott MD, Marasa M, Cocchi E, et al. Clinical and genetic characteristics of CKD patients with high-risk *APOL1* genotypes. *J Am Soc Nephrol.* 2023;34(5):909-919. doi:10.1681/ASN.0000000000000094 3. Friedman DJ, Pollak MR. *APOL1* and kidney disease: from genetics to biology. *Annu Rev Physiol.* 2020;82:323-342. doi:10.1146/annurev-physiol-021119-034345 4. Tzur S, Rosset S, Skorecki K, Wasser WG. *APOL1* allelic variants are associated with lower age of dialysis initiation and thereby increased dialysis vintage in African and Hispanic Americans with non-diabetic end-stage kidney disease. *Nephrol Dial Transplant.* 2012;27(4):1498-1505. doi:10.1093/ndt/gfr7w96



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