

Cardio Genetics

Cardio Genetics is a comprehensive DNA-based panel designed to help providers uncover inherited drivers of cardiovascular risk, often before abnormal labs or symptoms appear. Moving beyond traditional risk assessment, this test delivers clinically actionable insights by screening for 100+ genetic variants across lipid metabolism, blood pressure regulation, clotting, inflammation, and pharmacogenomics.

Lipid Metabolism & Transport	Vascular Function & Blood Pressure	Drug Response / Pharmacogenomics
<ul style="list-style-type: none"> • TCF7L2 – rs7903146, rs12255372 • GCKR – rs780094 • ANGPTL3 – rs1748195 • ANGPTL4 – rs2967605 • LPL – rs328, rs7007797, rs264, rs320 • GPIHBP1 – rs72691625 • ZNF259 – rs964184 • APOA5 – rs2075291, rs662799, rs3135506 • APOC3 – rs5128, rs138326449 • SCD1 – rs508384, rs2167444 • SCARB1 – rs4238001, rs5888 • LCAT – rs2292318 • APOA1 – rs632153, rs670 • LPA – rs10455872, rs3798221, rs6415084, rs7770628, rs3798220 • MTP – rs1800591 • SORT1 – rs599839 • LDLR – rs688, rs72658855 • LDLRAP1 – rs12071264 • PCSK9 – rs562556, rs45613943 • APOB – rs6752026, rs693, rs515135 • APOE – rs429358, rs7412 • SIDT2 – rs17120425 • CETP – rs1532624, rs247616, rs708272 • APOA2 – rs5082 • CYP27A1 – rs4674344 	<ul style="list-style-type: none"> • NOS2 – rs1800482, rs3730017 • NOS1 – rs1879417 • NOS3 – rs1549758, rs2070744, rs3918226, rs1799983 • CORIN – rs2271037, rs3749585, rs75770792 (T555I), rs111253292 (Q568P) • CYP4A11 – rs9332982, rs1126742 • CYP4F2 – rs2108622 • CYP11B2 – rs1799998 • ADD1 – rs4961 • EDN1 – rs5370 • PHACTR1 – rs12526453, rs169713 • 9p21 region – rs10116277, rs4977574, rs1333049, rs10757278, rs2383207, rs2383206 • MTHFR – rs1801133, rs1801131 • COMT – rs4680 • CD36 – rs1761667 • ADR-B2 – rs1042714 • SMARCA4 (BRG1) – rs1122608 • KCNK5 – rs10947789 • KCNE2 – rs9982601 • ZC3HC1 – rs11556924 • VEGF-A – rs2010963 • AGTR1 – A1166C • ACE – rs4343, rs4646994 • AGT – rs699, rs4762, rs5051 • 4q25 – rs2200733, rs10033464 • GLUL – rs10911021 	<ul style="list-style-type: none"> • CYP3A5 – 6986A>G (rs776746) • BCRP (ABCG2) – 421C>A (rs2231142) • SLCO1B1 – rs4149056, c388A>G (rs2306283) • CYP2C9 – rs1057910, -1188T>C (rs4918758) • KIF6 – rs20455 • OCT2 (SLC22A2) – rs7757336, rs201919874 • H01 – rs2071746 • COX-1 – rs1330344 • CYP2C19*2 – rs4244285 • AT1R – rs5182 • BDKRB2 – rs1799722 • PNPLA3 – rs738409 • DGAT2 – rs1944438 • NQO1 – rs1800566 • CYP1A2 – rs762551
Inflammation & Oxidative Stress	Clotting & Thrombosis	
<ul style="list-style-type: none"> • PON1 – rs662 • ILR-6 – rs4845625 • GPX1 – rs1050450 • MPO – rs2107545 • LIPA – rs1412444, rs2246833 • ALDH2 – rs671 • HDAC9 – rs2023938 • CDKN2B-AS1 – rs10757274 	<ul style="list-style-type: none"> • PLG – rs4252120 • Prothrombin – rs1799963, rs3136516 • Factor V Leiden – rs6025 	

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