



# Comparison of US Labs Offering Genetic Testing for Autoinflammatory Diseases

LABORATORY	MNG Labs	Fulgent	Invitae	Invitae	Blueprint Genetics	Prevention Genetics	ARUP Labs or GeneDX
<b>TEST PANEL ORDERING INFO</b>	Fever Syndromes NGS319	Periodic Fever/ Autoinflammatory NGS Panel	Primary Immuno-deficiency Panel 08100	Autoinflammatory Syndrome Panel 08120	Autoinflammatory Syndrome Panel	Periodic Fever Syndromes Sequencing Panel	Periodic Fever Syndromes Panel
<b>BILLING INFO &amp; COST (as of 3/18)</b>	<b>\$1995</b> contracts w/institutions Self-pay option	<b>\$ price unlisted</b> Bills insurance Self pay options & pt. assistance	<b>\$250</b> Pt. self-pay. Bills insurance. \$100 Max pt. co-pay w/ insurance	<b>\$250</b> Pt. self-pay. Bills insurance. \$100 Max pt. co-pay w/ insurance	<b>\$1400</b> Bills insurance Financial assistance for patients	<b>\$1440</b> Bills insurance	<b>\$ price unlisted</b> Bills insurance
<b>DISEASES TESTED</b>	<b>36</b>	<b>28</b>	<b>207</b>	<b>26</b>	<b>25</b>	<b>13</b>	<b>7</b>
<b>AUTOINFLAMMATORY GENES IN THE PANEL</b>	MEFV, LPIN2, MVK, NLRP3, PSTPIP1, NOD2, TNFRSF1A, CARD14, CECR1, NLRP12, PLCG2, PSMB8, IL1RN, IL36RN, IL10, IL10RA & RB, TMEM173, TNFRSF11A, NLRP7, SH3BP2, SLC29A3.	MEFV, LPIN2, MVK, NLRP3, PSTPIP1, NOD2, TNFRSF1A, CARD14, CECR1, NLRC4, PLCG2, NLRP12, PSMB8, NLRP1, PLCG2, IL1RN, IL36RN, IL10, IL10RA & RB, TMEM173, TNFRSF11A, NLRP7, SH3BP2, SLC29A3.	MEFV, LPIN2, MVK, NLRP3, PSTPIP1, CECR1, TNFRSF1A, CARD14, NLRC4, NLRP12, NOD2, PSMB8, PLCG2, TRNT1, RBCK1, IL1RN, IL36RN, IL10, IL10RA & RB, SH3BP2, SLC29A3, COPA, <b>AND</b> TMEM173, ACP5, TREX1, ADAR, XIAP, SAMHD1, IFIH1, RNASEH2(A,B,& C), PRF1, STX11, STXBP2, RAB27A, UNC13D, SH2D1A, SH3BP2, ELANE, NFAT5, <b>ADAM17. + FULL PI PANEL, ALPS, HLH, IBD</b>	MEFV, LPIN2, MVK, NLRP3, PSTPIP1, CECR1, TNFRSF1A, CARD14, NLRC4, NLRP12, NOD2, PSMB8, PLCG2, TRNT1, RBCK1, IL1RN, IL36RN, IL10, IL10RA & RB, SH3BP2, SLC29A3, COPA.  ELANE, NFAT5, ADAM17.	MEFV, LPIN2, MVK, NLRP3, PSTPIP1, NOD2, TNFRSF1A, CARD14, NLRP12, PLCG2, PSMB8, IL1RN, IL36RN, ACP5 TMEM173, TREX1, ADAR, RNASEH2(A,B,& C), SAMHD1, IFIH1.  ELANE, DDX58, ISG15.	MEFV, LPIN2, MVK, NLRP3, PSTPIP1, NOD2, TNFRSF1A, CARD14, CECR1, NLRP12, PSMB8, IL36RN, TNFAIP3.  ELANE	MEFV, LPIN2, MVK, NLRP3, PSTPIP1, TNFRSF1A.  ELANE
<b>OTHER GENES IN THE PANEL</b>	ELANE, RBCK1, GCH1, FOXP3, HTR1A, NEFL, ORAI1, TAM2, SLC19A3, IMD9, SCO2, SLC25A19, TLR3, TPK1, TRAF3, TRAF3IP2.	ELANE, RBCK1, HAX1, AP153.					