

Inheritest 300 PLUS Panel

Order Name: **Inherit 300P**
Test Number: **5194943**
Revision Date: **03/21/2023**

TEST NAME	METHODOLOGY	LOINC CODE
Inheritest 300 PLUS Panel	<u>Polymerase Chain Reaction</u>	

SPECIMEN REQUIREMENTS				
Specimen	Specimen Volume (mL)	Specimen Type	Specimen Container	Transport Environment
Preferred	8.5 mL (3 mL)	Whole Blood	ACD Solution A or B (Yellow Top)	Room Temperature
Alternate 1	8.5 mL (3 mL)	Whole Blood	EDTA (Lavender Top)	Room Temperature
Alternate 2	1	Saliva	Oragene Dx saliva kit	Room Temperature
Alternate 3	1	Buccal swab	Buccal swab in UTM	Room Temperature
Instructions	Specimen Type: Whole blood or PurFlock buccal swab kit or Oragene Dx saliva kit Specimen Volume: 8.5 mL whole blood or PurFlock buccal swab kit or Oragene Dx saliva kit Minimum Volume: 3 mL whole blood or PurFlock buccal swab kit or Oragene Dx saliva kit Collection: Standard phlebotomy. Follow PurFlock buccal swab kit or Oragene Dx 500 saliva kit collection instructions. Do not eat, drink, smoke, or chew gum 30 min prior to collection. Specimen Storage: Maintain specimen at room temperature or refrigerate at 4C Do not freeze. Special Instructions: Males are not tested for x-linked disorders, including fragile X syndrome. Test orders must include an attestation that the provider has the patient's informed consent for genetic testing.			

GENERAL INFORMATION

Expected TAT	14 - 21 days In some cases, additional time may be required for confirmatory or reflex tests.
Clinical Use	This test includes the following genes: ABCA3, ABCC8, ABCD1, ABCD4, ACADM, ACADVL, ACAT1, ADA, ADAMTS2, ADGRV1, AGA, AGL, AGPS, AGXT, AHI1, AIRE, AK2, ALDH3A2, ALDOB, ALG1, ALG6, ALMS1, ALPL, AMT, ANO10, ARL13B, ARL6, ARSA, ARSB, ARX, ASL, ASPA, ASS1, ATM, ATP7B, B9D1, B9D2, BBS1, BBS10, BBS12, BBS2, BBS4, BBS5, BBS7, BBS9, BCKDHA, BCKDHB, BCS1L, BLM, BRIP1, BTB, CAPN3, CBS, CC2D2A, CCDC88C, CD247, CD3D, CD3E, CD3G, CD8A, CDH23, CEP104, CEP290, CERKL, CFTR, CHRNE, CIB2, CLCN1, CLN3, CLN5, CLN6, CLN8, CLRN1, CNGA1, CNGB1, CNGB3, COL4A3, COL4A4, COL4A5, COL7A1, CORO1A, CPLANE1, CPS1, CPT2, CTNS, CTSA, CTSD, CTSF, CWC27, CYP11A1, CYP11B1, CYP17A1, CYP21A2, CYP27A1, CYP27B1, DBT, DCLRE1C, DDB2, DHCR7, DHDDS, DLD, DMD,DOCK8, DPYD, DYNC2H1, DYSF, ELP1, ERCC2, ERCC3, ERCC4, ERCC5, ETHE1, EVC2, EYS, F9, FAH, FAM161A, FANCA, FANCB, FANCC, FANCD2, FANCE, FANCF, FANCG, FANCI, FANCL, FBXL4, FKRP, FKTN, FMO3, FMR1, FOXN1, FOXRED1, FRAS1, FREM2, FUCA1, G6PC1, GAA, GALT, GALE, GALK1, GALNS, GALT, GAMT, GATM, GBA, GBE1, GCDH, GJB2, GLA, GLB1, GLDC, GNPAT, GNPTAB, GNS, GRHPR, GRIP1, GSS, GUSB, HADHA, HBA1, HBA2, HBB, HCFC1, HEXA, HEXB, HGSNAT, HLCS, HMGCL, HOGA1, HPS1, HPS3, HSD17B4, HSD3B2, HYLS1, IDS, IDUA, IFT140, IKBKB, IL2RA, IL2RG, IL7R, INPP5E, IVD, JAK3, KCTD7, KIF14, L1CAM, LAMA3, LAMB3, LAMC2, LCK, LIG4, LIPA, LMBRD1, LOXHD1, LRP2, LRPPRC, MAK, MALT1, MAN2B1, MANBA, MCCC1, MCCC2, MCEE, MCOLN1, MCPH1, MEFV, MFSD8, MID1, MKKS, MKS1, MLC1, MMAA, MMAB, MMACHC, MMADHC, MMUT, MPI, MPL, MTHFD1, MTTP, MVK, NAGA, NAGLU, NBN, NDUFAF2, NDUFAF5, NDUFS4, NDUFS6, NDUFS7, NDUFV1, NEB, NEU1, NHEJ1, NPC1, NPC2, NPHP1, NPHP3, NPHS1, NPHS2, NR0B1, OCA2, OTC, OTOF, PAH, PCCA, PCCB, PCDH15, PDHA1, PDHB, PDHX, PDP1, PEX1, PEX10, PEX11B, PEX12, PEX13, PEX14, PEX16, PEX19, PEX2, PEX26, PEX3, PEX5, PEX6, PEX7, PGM3, PHGDH, PKHD1, PLP1, PMM2, PNP, POLG, POLH, POMGNT1, POMT1, POMT2, POR, POU3F4, PPT1, PRCD, PRF1, PRKDC, PSAP, PTPRC, RAG1, RAG2, RARS2, RLBP1, RMRP, RNASEH2B, RP2, RPGR, RPGRIP1L, RS1, SACS, SCO2, SDCCAG8, SGCA, SGCB, SGCD, SGCG, SGSH, SLC12A6, SLC17A5, SLC19A3, SLC22A5, SLC25A13, SLC25A20, SLC26A2, SLC26A4, SLC35A3, SLC37A4, SLC6A8, SMN1, SMPD1, STAR, STK4, STX11, STXB2, SUMF1, SURF1, SYNE4, TCTN1, TCTN2, TCTN3, TF, TMEM138, TMEM216, TMEM231, TMEM237, TMEM67, TNXB, TPP1, TRAPPC11, TRIM32, TTC7A, TTC8, TTPA, TYR, UNC13D, USH1C, USH1G, USH2A, VPS13B, WHRN, XPA, XPC and ZAP70.
Notes	Clinical Questionnaire for Inheritest® Carrier Screen and GeneSeq® PLUS
Service Provided By	 labcorp Oklahoma, Inc.