PANDORA GENOMICS

PGxReport™ – Clopidogrel
Drug Sensitivity Assay Results

Gene	Alleles tested	
CYP2B6 **(Cytochrome P450 2B6)**	• CYP2B6*1C_14593C>G (rs4803418) • CYP2B6*1C_21563C>T (rs4803419) • CYP2B6*2_64C>T(R22C) (rs8192709) • CYP2B6*2B_12740G>C (F72P) (rs2279341 | rs28399485) • CYP2B6*3_18045C>A(S259R) (rs45482602) • CYP2B6*4_18053A>G (K262R) (rs2279343 | rs28399497) • CYP2B6*5A_(P487C) • CYP2B6*6_15631G>T (Q172H) (rs3745274) • CYP2B6*8_13072A>G • CYP2B6*9_21563C>T (rs8192719) • CYP2B6*12_12820G>A(C99E) (rs36060847)	• CYP2B6*16_21011T>C(I328T) (rs28399499) • CYP2B6*19_21034C>T(R336C) (rs34826503) • CYP2B6*20_15648C>T(T168I) (rs36056539) • CYP2B6*21_21498C>A(F428T) (rs35010098) • CYP2B6*27_15708T>C(M198T) (rs36079186) • CYP2B6*28_21160C>T(R378X) (rs34097098) • CYP2B6_-82> (rs34223104) • CYP2B6_136A>G(M46V) (rs35303484) • CYP2B6_13076G>A(R140Q) (rs35773030) • CYP2B6_15614C>G(P167A) (rs3826711) • CYP2B6_18273G>A (rs2279344) • CYP2B6_21388T>A(I391N) (rs35979566)
CYP2C8 **(Cytochrome P450 2C8)**	• CYP2C8*1A • CYP2C8*1B • CYP2C8*1C • CYP2C8*2 (rs11572103) • CYP2C8*3 (rs10509681 (K399R); rs11572080 (R139K)) • CYP2C8*4 (rs1058930) • CYP2C8*5 • CYP2C8*6 • CYP2C8*7 • CYP2C8*8 • CYP2C8*9 • CYP2C8*10 • CYP2C8*11 • CYP2C8*12 (rs3832694)	• CYP2C8*13 • CYP2C8*14 • CYP2C8_-86>(rs11572066) • CYP2C8_(P404A) • CYP2C8_2130G>A(R139K) (rs11572080) • CYP2C8_2189A>-(intK1) • CYP2C8_4517C>T>(R186X) • CYP2C8_(L390S) • CYP2C8_10979A>G • CYP2C8_11041C>G(I264M) (rs1058930) • CYP2C8_11054A>T(I269F) (rs11572103) • CYP2C8_30411A>G(K399R) (rs10509681) • CYP2C8_32186TTG>-(-462-) (rs3832694) • CYP2C8_32364>(rs28399518)
CYP2C9 **(Cytochrome P450 2C9)**	• CYP2C9*2_3608C>T(R144C) (rs1799853 | rs28371674 | rs41400645) • CYP2C9*3_42614A>C(I359L) (rs1057910) • CYP2C9*4_42615T>C(I359T) • CYP2C9*5_42619C>G(D360E) (rs28371686) • CYP2C9*6_10600delA(K273-) (rs9332131) • CYP2C9*7_>(L19I) • CYP2C9*9_10335A>G(I251R) (rs2256871) • CYP2C9*10_10598A>G(E272G) (rs9332130) • CYP2C9*11_42542C>T(R335W) (rs28371685)	• CYP2C9*12_30338C>T(P489S) (rs9332239) • CYP2C9*13_3276T>C • CYP2C9*14_>(R125H) • CYP2C9*15_(S1e2x) • CYP2C9*16_(T299A) • CYP2C9*25_>(frameshift) • CYP2C9_42612A>G(Y358C) (rs1057909) • CYP2C9_50196C>T(A441A) (rs2017319) • CYP2C9_50298A>T(G475G) (rs1057911)
CYP2C19 **(Cytochrome P450 2C19)**	• CYP2C19_(HCV34328865) • **CYP2C19*2_19154G>C(P227P) (rs4244285)** • **CYP2C19*2B_12460G>C(E92D) (rs17878459)** • **CYP2C19*3_636G>A(W212X) (rs4986893)** • **CYP2C19*4_1A>G(M1V) (rs28399504)** • CYP2C19*5_90033C>T>(R433W) • **CYP2C19*6_395G>A>(R132Q)** • **CYP2C19*7_19294T>A>** • **CYP2C19*8_12711T>C(W120R) (rs41291556)**	• **CYP2C19*9_431G>A(R144H) (rs17884712 | rs28399507)** • **CYP2C19*10_19153C>T(P227L) (rs4413438)** • CYP2C19*12_90209A>C • CYP2C19*13_87290C>T(R410C) (rs17879685) • CYP2C19*14_50T>C>(L17P) • **CYP2C19*17_-806>(rs12248560)** • CYP2C19_55A>C(I19L) (rs17882687) • CYP2C19_80161G>A(V381I) (rs3758581) • CYP2C19_90182delG(G439-) (rs5787121)

FIG. 7-6