

RESPONSEcomp™

Includes RESPONSEpain™, RESPONSEcardio™, RESPONSEpsych/ADHD™, RESPONSEcancer™

PANEL	GENE	TEST CODE	PANEL	GENE	TEST CODE
RESPONSEpain™	CYP1A2	G017	RESPONSEpsych/ADHD™	COMT	G014
	CYP2B6	G011		MTHFR	G009
	CYP2C9	G001		CYP1A2	G017
	CYP2C19	G002		CYP2C9	G001
	CYP2D6	G003		CYP2C19	G002
	CYP3A4	G004		CYP2D6	G003
	CYP3A5	G005		CYP3A4	G004
RESPONSEcardio™	APOE	G016	RESPONSEcancer™	CYP3A5	G005
	Factor II	G040		DPYD	G020
	Factor V Leiden	G041		TPMT	G022
	MTHFR	G009		MTHFR	G009
	SLCO1B1	G042		CYP2B6	G011
	CYP2C9	G001		CYP2C8	G021
	VKORC1	G010		CYP2D6	G003
	CYP2C19	G002		CYP3A4	G004
	CYP2D6	G003		CYP3A5	G005
	CYP3A4	G004			
CYP3A5	G005				

GENE	Allelic Variants Detected
ANKK1/DRD2	DRD2:Taq1A
Apolipoprotein E	ε2, ε4
COMT	Val158Met
CYP1A2	*1C, *1D, *1F, *1K, *1L, *1V, *1W
CYP2B6	*6, *9
CYP2C19	*2, *3, *4, *4B, *6, *7, *8, *9, *10, *17
CYP2C8	*2, *3, *4, *5, *7, *8
CYP2C9	*2, *3, *4, *5, *6, *8, *11, *27
CYP2D6	*2, *3, *6, *7, *8, *9, *10, *14A, *14B, *17, *29, *35, *41, *5 (gene deletion), XN (gene duplication)
CYP3A4	*1B, *3, *12, *17, *22
CYP3A5	*2, *3, *3C, *6, *8, *9
DPYD	*2A, *2B, rs115232898 G, *8, *9A, *9B, *10, *11, rs67376798 A, *13 20210G>A
Factor II	20210G>A
Factor V Leiden	1691G>A
MTHFR	677C>T, 1298A>C
OPRM1	A118G
SLCO1B1	521T>C, 388A>G
TPMT	*2, *3A, *3B, *4, *8
UGT2B15	*2
VKORC1	-1639G>A