

University of Florida CYP2C19 & clopidogrel Results Decision Table

Haplotype 1	Haplotype 2	Diplotype	Phenotype	Metabolism Status	Clinical Priority (High, Med, Low)
*1	*1	*1/*1	Extensive Metabolizers (EM)	Normal Metabolism	Low
*1	*2	*1/*2	Intermediate Metabolizers (IM)	Impaired Metabolism	High
*1	*3	*1/*3	Intermediate Metabolizers (IM)	Impaired Metabolism	High
*1	*4	*1/*4	Intermediate Metabolizers (IM)	Impaired Metabolism	High
*1	*5	*1/*5	Intermediate Metabolizers (IM)	Impaired Metabolism	High
*1	*6	*1/*6	Intermediate Metabolizers (IM)	Impaired Metabolism	High
*1	*8	*1/*8	Intermediate Metabolizers (IM)	Impaired Metabolism	High
*1	*10	*1/*10	Unknown	Uncharacterized effect on Metabolism	Low
*1	*17	*1/*17	Ultra Metabolizers (UM)	Enhanced Metabolism	Low
*2	*2	*2/*2	Poor Metabolizers (PM)	Very Impaired Metabolism	High
*2	*3	*2/*3	Poor Metabolizers (PM)	Very Impaired Metabolism	High
*2	*4	*2/*4	Poor Metabolizers (PM)	Very Impaired Metabolism	High
*2	*5	*2/*5	Poor Metabolizers (PM)	Very Impaired Metabolism	High
*2	*6	*2/*6	Poor Metabolizers (PM)	Very Impaired Metabolism	High
*2	*8	*2/*8	Poor Metabolizers (PM)	Very Impaired Metabolism	High
*2	*10	*2/*10	Unknown	Uncharacterized effect on Metabolism	Low
*2	*17	*2/*17	Intermediate Metabolizers (IM)	Impaired Metabolism	High
*3	*3	*3/*3	Poor Metabolizers (PM)	Very Impaired Metabolism	High
*3	*4	*3/*4	Poor Metabolizers (PM)	Very Impaired Metabolism	High
*3	*5	*3/*5	Poor Metabolizers (PM)	Very Impaired Metabolism	High
*3	*6	*3/*6	Poor Metabolizers (PM)	Very Impaired Metabolism	High
*3	*8	*3/*8	Poor Metabolizers (PM)	Very Impaired Metabolism	High
*3	*10	*3/*10	Unknown	Uncharacterized effect on Metabolism	Low
*3	*17	*3/*17	Intermediate Metabolizers (IM)	Impaired Metabolism	High
*4	*4	*4/*4	Poor Metabolizers (PM)	Very Impaired Metabolism	High
*4	*5	*4/*5	Poor Metabolizers (PM)	Very Impaired Metabolism	High
*4	*6	*4/*6	Poor Metabolizers (PM)	Very Impaired Metabolism	High
*4	*8	*4/*8	Poor Metabolizers (PM)	Very Impaired Metabolism	High
*4	*10	*4/*10	Unknown	Uncharacterized effect on Metabolism	Low
*4	*17	*4/*17	Intermediate Metabolizers (IM)	Impaired Metabolism	High
*5	*5	*5/*5	Poor Metabolizers (PM)	Very Impaired Metabolism	High
*5	*6	*5/*6	Poor Metabolizers (PM)	Very Impaired Metabolism	High
*5	*8	*5/*8	Poor Metabolizers (PM)	Very Impaired Metabolism	High
*5	*10	*5/*10	Unknown	Uncharacterized effect on Metabolism	Low
*5	*17	*5/*17	Intermediate Metabolizers (IM)	Impaired Metabolism	High
*6	*6	*6/*6	Poor Metabolizers (PM)	Very Impaired Metabolism	High
*6	*8	*6/*8	Poor Metabolizers (PM)	Very Impaired Metabolism	High
*6	*10	*6/*10	Unknown	Uncharacterized effect on Metabolism	Low
*6	*17	*6/*17	Intermediate Metabolizers (IM)	Impaired Metabolism	High
*8	*8	*8/*8	Poor Metabolizers (PM)	Very Impaired Metabolism	High
*8	*10	*8/*10	Unknown	Uncharacterized effect on Metabolism	Low
*8	*17	*8/*17	Intermediate Metabolizers (IM)	Impaired Metabolism	High
*10	*10	*10/*10	Unknown	Uncharacterized effect on Metabolism	Low
*10	*17	*10/*17	Unknown	Uncharacterized effect on Metabolism	Low
*17	*17	*17/*17	Ultra Metabolizers (UM)	Enhanced Metabolism	Low