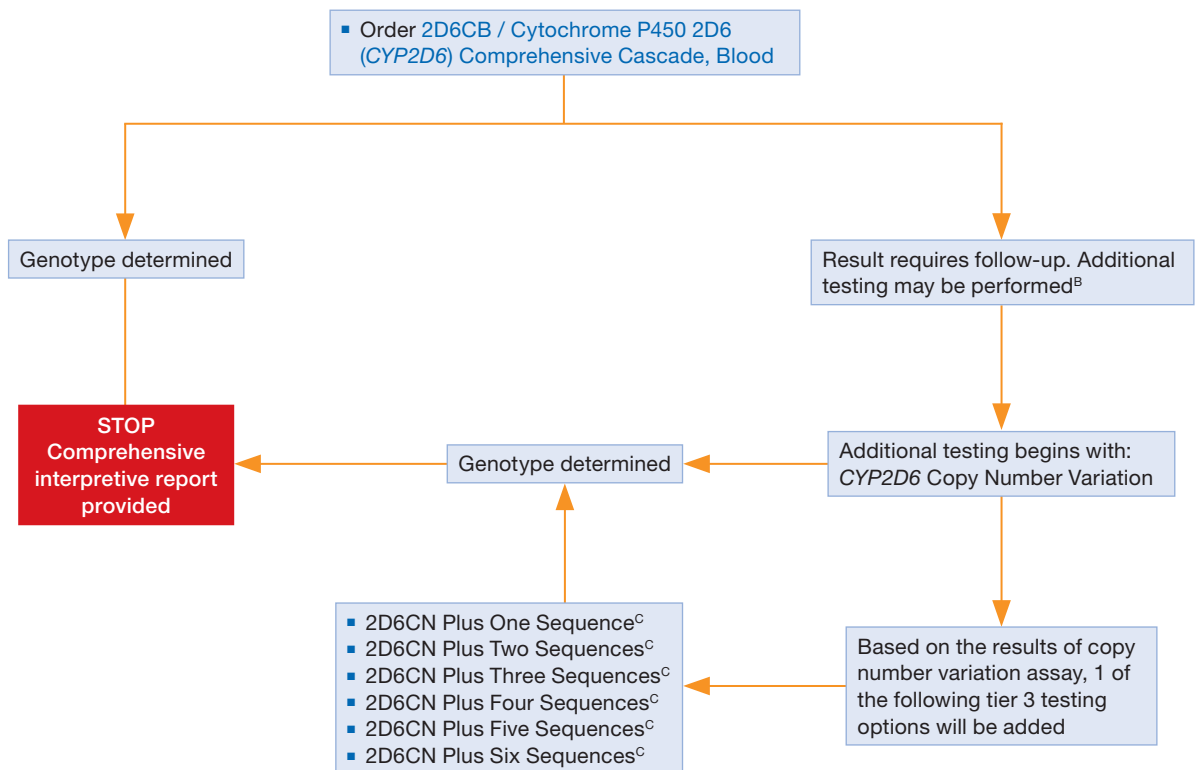


CYP2D6 Comprehensive Cascade Testing Algorithm



^AAlways performed

^BAdditional testing may be performed (only 4%-6% of individuals may need additional testing) for the following reasons:

1. No call on single nucleotide polymorphism
2. Single nucleotide polymorphism pattern does not fit known star allele
3. Homozygous allele identified
4. Duplication present
5. Genotype/phenotype discord
6. Laboratory director request (*CYP2D6* Luminex assay must be completed first)
7. Client requests copy number variation assay (*CYP2D6* Luminex assay must be completed first)

^C Tier 3 sequence test options include: *CYP2D6* full gene sequencing, *CYP2D6-2D7* gene sequencing, *CYP2D7-2D6* gene sequencing, *CYP2D6* duplication sequence A, *CYP2D6* duplication sequence B, *CYP2D6* duplication sequence C. The test assigned is based on the total number of sequence test options performed.