

P450-2D6 Synthetic Control

PN 2D6-100

For Research Use Only. Analytical and performance characteristics are not established.
Patent Pending

REAGENTS INCLUDED:

P450-2D6 Control

- 2D6-100: 1 tube, 110µl

STORAGE REQUIREMENTS:

- Store at: 4°C
- Long term storage: -15° to -25°C.

DESCRIPTION:

This tube contains synthetic reference nucleic acids comprising 17 mutations/variants in the cytochrome p450 CYP2D6 gene and the *5 deletion. This product is a reference control for use in molecular screening, mutation testing, and assays that identify mutations in the CYP450 2D6 gene. This control has not been extensively tested with methods other than those listed in this product insert. Please contact customer support for additional information.

Variant	Nucleotide Change
*2A Promoter	-1584C>G
*4 (A-L) *10 (A,B)	100C>T
*12	124G>A
*15	138insT
*11	883G>C
*17	1023C>T
*2	1661G>C
*6 (A-D)	1707delT
*8	1758G>T
*14	1758G>A
*4 (A-L)	1846G>Z
*5 Deletion	/
*3 (A,B)	2549delA
*9	2613-2615delAGA
*2,*17	2850C>T
*7	2935A>C
*41	2988G>A
*2	4180G>C

REAGENT PREPARATION:

- **Luminex Molecular Diagnostics CYP450-2D6 IUO Reagents:** Use 3µl of the control in place of the genomic DNA sample.