

PGX



VeriDose® DPYD Plus Panel



Target the *DPYD* Variants that Matter Most

Identifying relevant genotypes and variants as recommended by leading societies is a critical component of pharmacogenomics (PGx) research.

The VeriDose® *DPYD* Plus Panel targets 18 relevant *DPYD* variants. These cover all AMP Tier 1 and Tier 2 alleles¹ as well as additional variants of research interest.

This broad coverage enables your lab to:

- Deliver results aligned to leading pharmacogenetic research standards
- Improve identification of high-risk genotypes
- Cost-effectively perform PGx research with a single-well panel that can be run as a standalone option or in parallel with other Agena Bioscience PGx panels

Empowering genetic insights with advanced *DPYD* variant detection.

For Research Use Only.
Not for use in diagnostic procedures.

Agena®
BIOSCIENCE

ASSAY COMPONENTS

Contains all AMP Tier 1 and Tier 2 recommended DPYD variants plus additional markers of interest.

| dbSNP/RSI | Nucleotide Change | Star Allele | AMP Tier |
|--------------|-------------------|-------------|--------------------|
| rs3918290 | c.1905+1G>A | *2A | 1 |
| rs55886062 | c.1679T>G | *13 | 1 |
| rs75017182 | c.1129-5923C>G | HapB3 | 1 |
| rs56038477 | c.1236G>A | HapB3 | |
| rs 115232898 | c.557A>G | N/A | 1 |
| rs 146356975 | c.868A>G | N/A | 1 |
| rs 112766203 | c.2279C>T | N/A | 1 |
| rs67376798 | c.2846A>T | N/A | 1 |
| rs72549309 | c.299_302del | *7 | 2 |
| rs1801266 | c.703C>T | *8 | 2 |
| rs 186169810 | c.1314T>G | N/A | 2 |
| rs72549304 | c.1475C>T | N/A | 2 |
| rs59086055 | c.1774C>T | N/A | 2 |
| rs55674432 | c.2639G>T | N/A | 2 |
| rs72549310 | c.61C>T | N/A | marker of interest |
| rs755416212 | c.704G>A | N/A | marker of interest |
| rs183385770 | c.1024G>A | N/A | marker of interest |
| rs 773499329 | c.2043_2058del | N/A | marker of interest |

ORDERING INFORMATION

The assay panel sets are available in both 96 and 384 reaction formats to support varying sample throughput.

| Catalog No. | Item | # Samples | Format |
|-------------|---|-----------|---------|
| 13392F | VeriDose DPYD Panel Set – CPM (2x96) | 192 | 96 CPM |
| 13399F | VeriDose DPYD Panel Set – CPM (10x96) | 960 | 96 CPM |
| 13393D | VeriDose DPYD Plus Panel Set – CPM (2x384) | 768 | 384 CPM |
| 13395D | VeriDose DPYD Plus Panel Set – CPM (10x384) | 3,840 | 384 CPM |

References

1. <https://pubmed.ncbi.nlm.nih.gov/39032821/>

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