

HERIDATARY  
DPYD  
DPYD Mutations Detection Kit

Technical Specifications

Intended Use

designed to detect 5 mutations in DPYD gene in genomic DNA;

- rs55886062
- rs3918290
- rs67376798
- rs56038477
- rs1801160

Suitable Sample Type

- Whole Blood in tube with EDTA
- Buccal Swab

Test Procedure

- DNA Isolation
- Multiplex RT-qPCR

Validated PCR Instruments

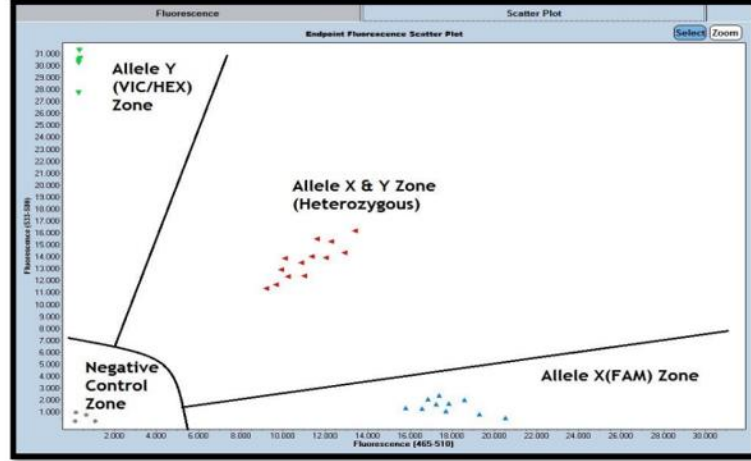
- Bio-Rad CFX96
- Life Technologies ABI-7500
- Roche, Light Cycler 480 II
- Qiagen Rotor-Gene® 3000 Q5/Q6
- BioMolecular Systems, MicPCR

Catalog Number

-DPYD-RT25

Contact

Halil Rifat Paşa Mah. Güler St.  
GNM PLAZA No:51/1Sisli-  
Istanbul 34384 TÜRKİYE  
Tel: +90-(212)288 74 92-93  
Fax: +90-(212)288 74 53  
Web: www.genmark.com.tr  
E-mail: info@genmark.com.tr



	rs55886062	rs3918290	rs67376798	rs56038477	rs1801160
FAM (x axis)	Mutant	Mutant	Mutant	Mutant	Mutant
VIC/HEX (y axis)	Wildtype	Wildtype	Wildtype	Wildtype	Wildtype

- ✓ The Realtime PCR (qPCR) DNA amplification technique is highly sensitive and specific.
- ✓ With only one hydrolysis primer probe, the differentiation between homozygote, heterozygote and wild type can be detected.
- ✓ Results are obtained as easy and accurate allelic discrimination (End-Point Genotyping) analysis.
- ✓

**GeneMAP™ DPYD Mutations Detection Kit** is designed specifically for mutation detection with routine RT-qPCR. It is easy to use, cost efficient and compatible with many Real-time PCR instruments.

Reagents	Vol. per Tube (µl)
2X Master Mix (x3)	550µl
Heterozygous PC	150 µl
Homozygous PC	150 µl
4X PPM (DPYD*2A, (DPYD*13, (c.2846A>T, 1236G>A-HapB3, DPYD*6)	150 µl
ddH2O	600 µl