

HLA-B*51 Detection Kit

Technical Specifications

Intended Use

-Designed to detect Human leukocyte antigen B51, HLA-B*51 in human genomic DNA.

Suitable Sample Type

-Whole Blood in tube with EDTA

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
- QuantStudio™ 5 Real-Time PCR System

Catalog Number

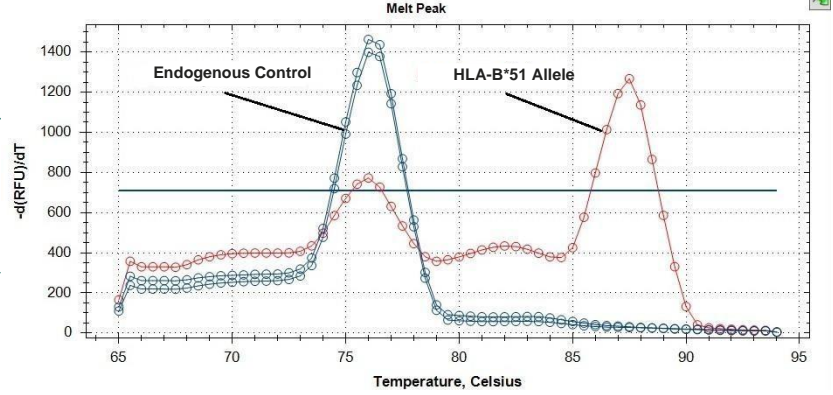
- B51-RT50

Contact

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Positive Result
Analysis
(Red line)

Negative
Result
Analysis
(Blue line)



- ✓ This kit uses Real-time PCR based method.
- ✓ With only one hydrolysis primer probe, the existence of HLA B*51 gene can be detected qualifiedly.
- ✓ The results are analyzed by melting curve program.

GeneMAP™ HLA-B*51 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 HLA-B51 Master Mix	550µl
10X Primer Mix	110 µl
ddH ₂ O	500 µl
Positive Control	50 µl