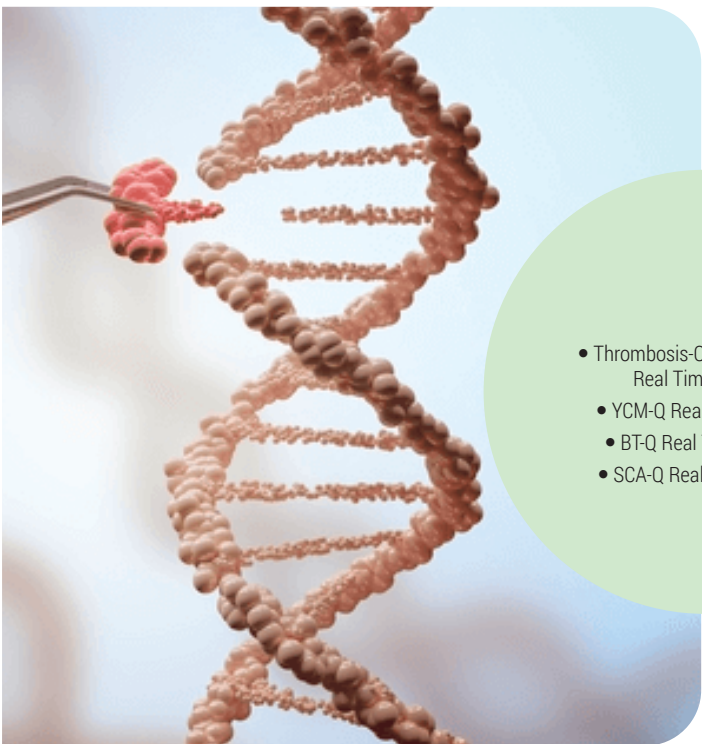




RT-PCR RESEARCH SOLUTIONS

Analyzing Complex
Rare Diseases



- Thrombosis-Q Comprehensive Real Time PCR Kit
- YCM-Q Real Time PCR Kit
- BT-Q Real Time PCR Kit
- SCA-Q Real Time PCR Kit

Genetic Disorders

These kits are designed to detect different mutations associated with specific genetic disorders. These assays are compatible with commonly available Real-Time PCR instruments.

Thrombosis-Q Real Time PCR Kit

- Thrombosis-Q Comprehensive Real Time PCR Kit is an in vitro diagnostic test for the detection of Thrombosis specific mutation in DNA extracted from human biological samples.

🎯 **Mutations Covered:** Factor II mutation in the 3'UTR region of FII gene i.e. G20210A (Prothrombin mutation/a change of guanine to adenine) and Factor V Leiden mutations i.e. G1691A mutation, MTHFR C677T mutation and MTHFR A1298C mutation.

YCM-Q Real Time PCR Kit (Y Chromosome Micro deletion)

- YCM-Q Real Time PCR Kit for Y Chromosome Micro deletion is an in vitro diagnostic test for the detection of micro deletions in human Y chromosome DNA extracted from clinical samples.

🎯 **Mutations Covered:** 14 micro deletions in human Y chromosome associated with male infertility.

BT-Q Real Time PCR Kit (Beta Thalassemia)

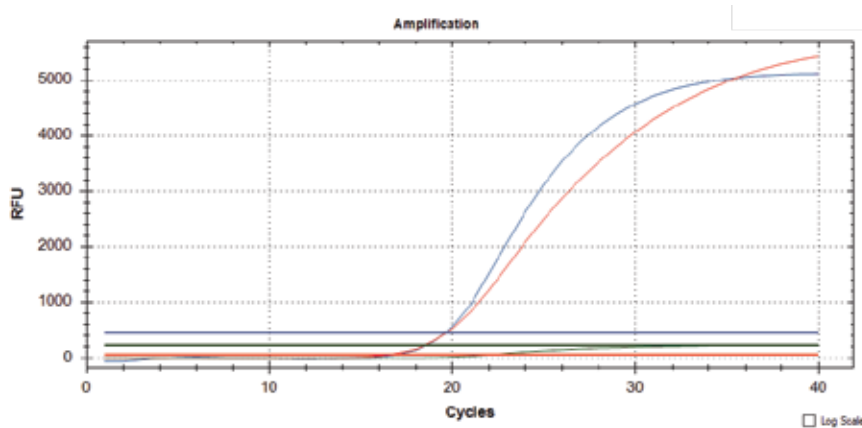
- BT-Q Real Time PCR kit is an in vitro diagnostic test for the detection of Beta Thalassemia mutation in human DNA extracted from clinical samples.

Mutations Covered: 7 somatic mutations in human beta globin gene associated with genetic risk.

SCA-Q Real Time PCR Kit (Sickle Cell Anemia)

- SCA-Q Real Time PCR Kit is an in vitro diagnostic test for the detection of Sickle Cell Anemia mutation in human DNA extracted from clinical samples.
- Intends for detection of sickle cell anemia i.e. human beta globin GAG - GTG [Glu-Val] mutation in human DNA extracted from clinical samples.
- It contains reagents and enzymes for the specific amplification for the direct detection of the specific amplicon in FAM fluorescence channel.

Mutations Covered: GAG - GTG [Glu-Val] mutation.



SCA-Q Real Time PCR specific amplification plot of positive sample for SCA-Q (Texas red channel) along with internal control (Cy5 channel).

Ordering Information

Commercial Name	Cat No.	Pack Size	Compatible Instruments
Thrombosis-Q Comprehensive Real Time PCR Kit	G2M803421	50 T	Instruments with FAM, ROX/Texas Red, Cy5, HEX/VIC Channels including Genes2Me's RapiCyler 96, ABI Prism®7500 & Quantstudio, BioRad CFX96, Roche Lightcycler, Qiagen Rotor-Gene.
YCM-Q Real Time PCR Kit	G2M803021	50 T	
BT-Q Real Time PCR Kit	G2M803321	50 T	
SCA-Q Real Time PCR Kit	G2M803221	50 T	