



Product Insert

Catalog # YST0038, 2X GTX PCR Master Mix with ROX. Check our website for the various product sizes available.

A genotyping PCR Master Mix for TaqMan end-read allelic discrimination assays, very robust and high performance. Whole blood sample can be used directly without purification of DNA for genotyping.

Application: Genotyping assays from whole blood and other crude sample types without DNA purification. It contains ROX for signal normalization.

Test Method with Crude Blood DNA

1. Crude Blood DNA Preparation: Add 20uL Lysis Buffer A in a 1mL tube, and then add 2uL fresh blood. Vortex and incubate at room temperature for 3minutes. Add 20uL Lysis Buffer B. This is your crude DNA sample for PCR.
2. PCR for 20uL Reaction Volume:

Component	Volume, uL
2X GTX PCR Master Mix	10
20X TaqMan Assay (Primer/Probe Mix)	1
DNA Sample	2
Water	7
Total	20

Thermal Cycler Protocol:

