

POLARIS™ • SYBR® Based application

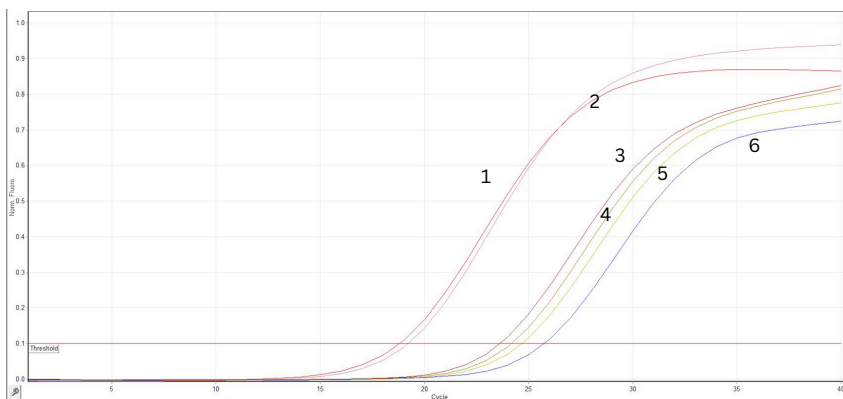
POLARIS-AMP™ • Probe Based application

Real-time PCR (qPCR) quantification

PRODUCT DETAIL

POLARIS™ & **POLARIS-AMP™** are powerful qPCR master mix for SYBR® based and probe based real-time PCR respectively. **POLARIS™** includes Taq polymerase, anti-Taq Antibody for HotStart activity, reaction buffer, dNTPs, MgCl₂, SYBR® Dye. **POLARIS-AMP™ can be used when detection using probes are required.** The mastermixes are designed to reduce variability between reactions and ensure reproducible results. By using **POLARIS mastermixes**, researchers can save time and minimize the risk of contamination or errors in pipetting individual components. The master mix is simply combined with the template DNA and primers, and then run in a real-time PCR instrument to measure the amount of target DNA present in the sample. **POLARIS** mastermixes are tolerant to many PCR inhibitors hence consistent results are obtained, in every run. Both high and low ROX are provided as passive reference dyes.

DATA



Details:

Lambda DNA (450bp) was quantified using various mastermixes. Early Ct values were observed for POLARIS

- 1: Polaris Mastermix
- 2: Polaris Mastermix, duplicate
- 3: PCR Bio
- 4: Thermo-Fisher
- 5: G-Bio
- 6: Takara

CATALOG

- R2220 - 5ml Pack (POLARIS™)
- R2221 - 20 ml Pack (POLARIS™)
- R2222 - 5ml Pack (POLARIS-AMP™)
- R2223 - 20 ml Pack (POLARIS-AMP™)

QUALITY CONTROL

Nuclease Test

No contamination of endo or exonucleases were detected. No contamination of RNase detected.

Purity

SDS - PAGE purity \geq 98%

Functional Assay

Human β actin (650bp) gene was reverse transcribed and cDNA was used for quantification. Consistent amplification was observed.

ORDERING INFORMATION

Contact

info@dxbidt.com | +91-7349708807

More information

www.dxbidt.com

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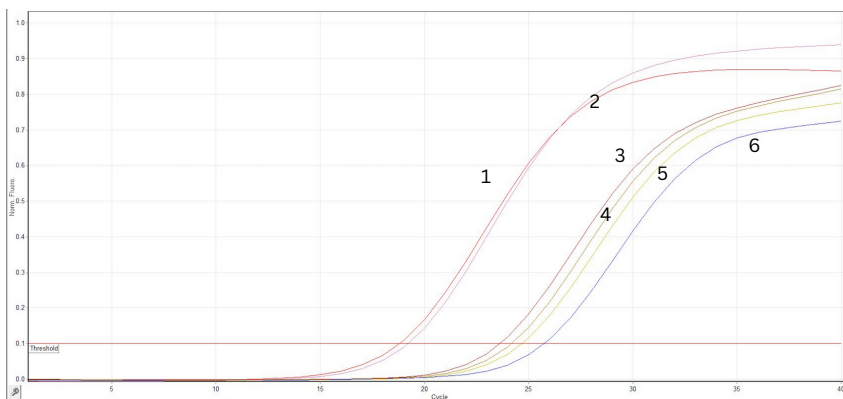
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