

Prelude™ PreAmp Master Mix

Catalog No.
638542

Amount
10 rxns

Lot Number
Specified on product label.

Description

Prelude PreAmp Master Mix is a 2X PCR mix optimized for unbiased co-amplification of multiple (>100) targets starting from a limited (10 ng–100 pg) input of cDNA or gDNA. Amplified products can then be used for downstream qPCR, genotyping, or targeted enrichment analysis.

Package Contents

- 250 µl Prelude PreAmp Master Mix

Storage Conditions

- Store at –20°C.

Expiration Date

- Specified on product label.

Shipping Conditions

- Dry ice

Product Documents

Documents for our products are available for download at takarabio.com/manuals
The following documents apply to this product:

- Prelude PreAmp Master Mix Protocol-At-A-Glance

References

Ruano, G., Fenton, W. & Kidd, K. K. Biphasic amplification of very dilute DNA samples via ‘booster’ PCR. *Nucleic Acids Res.* **17**, 5407 (1989).

Quality Control Data

PCR Performance

Prelude PreAmp Master Mix is functionally tested using 100 pg of Human Universal QUICK-Clone™ II (Cat. No. 637260) and the PrimerArray® Cell Cycle (Human) (Cat. No. PH002) assay panel. Prelude PreAmp Master Mix, template, and pooled primers (25 nM final concentration) are combined and cycled either 10 or 14 times. After the initial booster PCR, qPCR is performed by splitting the mix into 96 individual wells corresponding to each singleplex PrimerArray assay, and SmartChip® TB Green® Gene Expression Master Mix (Cat. No. 640211) is added with primers to a final reaction volume of 20 µl. The resulting C_T values for 10 cycles and 14 cycles are compared by the $\Delta\Delta C_T$ method; >90% of these assays lie within +/- 0.75.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.

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NOTICE TO PURCHASER:

Our products are to be used for **Research Use Only**. They may not be used for any other purpose, including, but not limited to, use in humans, therapeutic or diagnostic use, or commercial use of any kind. Our products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without our prior written approval.

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