

PCR. ENHANCED.

Improve Your PCR Performance with PCRboost™ Simply.

PCRboost™ is a reagent that enhances end-point and reverse transcription-PCR performance by improving sensitivity and specificity during amplification of genomic DNA or RNA templates.

Greatly improves amplification of difficult samples.

Enhance yield, specificity and consistency. Amplification is dramatically improved for all sample types, including:

- Degraded samples, such as:
 - FFPE
 - Bisulphite-treated samples (methylation studies)
- Low-copy transcripts
- Samples containing inhibitory factors

No changes to your end-point or reverse transcription-PCR protocol; simply replace the water in your reaction.

Use your existing TAQ, cycling conditions and protocols. Simply replace the water in your PCR reaction. PCR products are compatible with all downstream applications.

Enhance your most challenging samples

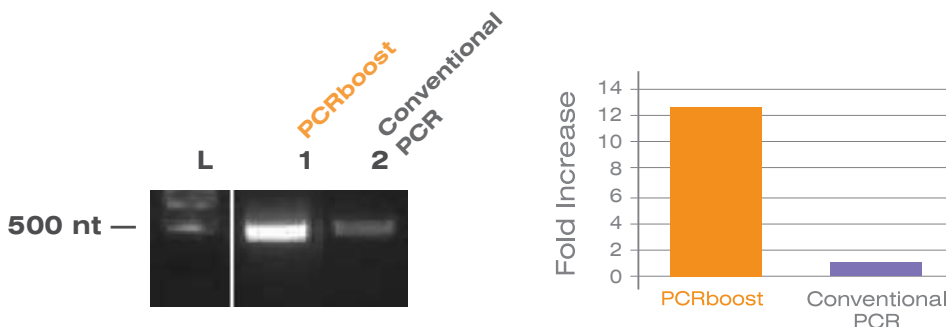
Easy to use

Reduced number of cycles

Use existing TAQ and protocol

Superior end-point PCR results with PCRboost.

Amplification with PCRboost™ is superior to PCR performed with other commercially available enhancers. Results are enhanced fivefold or more.*

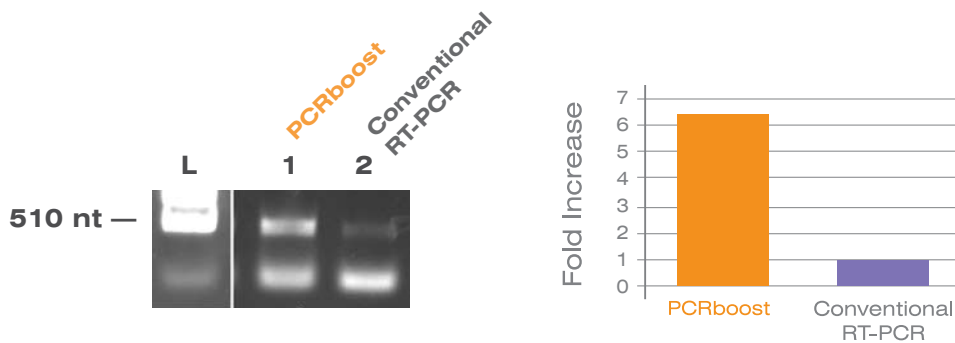


ABOVE A 12.5-fold increase in amplification is seen when end-point PCR is performed using PCRboost compared to conventional, unenhanced PCR. (1 ng gDNA amplified using human β-actin primers. 10 μl of each PCR reaction was run on 0.8% agarose gel.)

*Actual amplification results may vary depending on template specificity and amplicon size.

Reverse transcription-PCR results are enhanced with PCRboost.

Transcripts are easily amplified and visualized when utilizing PCRboost to enhance amplification. Enhanced reverse transcription-PCR product can then be used in downstream applications such as cloning, hybridizations and sequencing without further purification.



ABOVE A **6.2-fold increase** in reverse transcription-PCR amplification is seen when using PCRboost compared to conventional, unenhanced PCR. (RNase P [510 bp] transcript amplified using 1 μ l of cDNA generated from 100 ng total RNA. 10 μ l of each PCR reaction was run on 0.8% agarose gel.)

PCRboost is available in the following formats:

PRODUCT	CATALOG #	CONTAINS
PCRboost	63301-011	1.0 ml
PCRboost Trial Kit	63301-001	150 μ l
PCRboost, 10 ml	62301-021	10 ml

For ordering information, please call 866-379-6879 or visit www.biomatrica.com.

