

# DirectGO™ PreMix

No DNA extraction! Just PCR!



## DirectGO PCR Master Mix

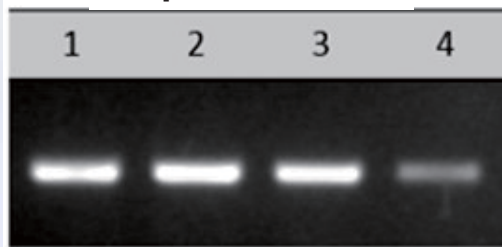
Makes PCR directly from **blood, leaf, cell culture, and animal tissue possible!**

Simply apply one drop of blood or tiny amount of tissues with your primer and DirectGO Master PCR Mix, then the PCR is ready to go!

- High specificity: chemical-modified Taq with hot start design which can dramatically reduce non-specific amplification
- High speed extension rate: 15~30s/kb
- High sensitivity: 10pg human genomic DNA or 1mm diameter plant leaf
- High inhibitor resistance: no need for DNA extraction, and allows for direct PCR amplification in present of 10% whole blood
- Easy to achieve PCR amplification over 5kb DNA
- 2X PreMix formulation is easy for preparation and minimize the risk of contamination

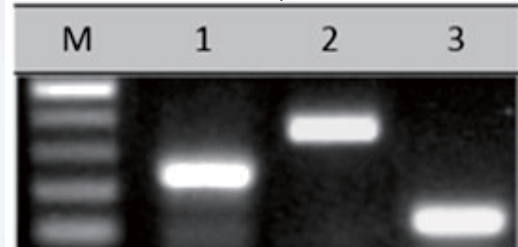
**Inhibitor OUT**

### High Resistance Heparin-blood



Lane 1: Human genomic DNA  
Lane 2: 1% Heparin Blood  
Lane 3: 5% Heparin Blood  
Lane 4: 10% Heparin Blood

### High Sensitivity Plant leaf, 1mm dia.



Lane 1: Arabidopsis thaliana  
Lane 2: Rice  
Lane 3: Maize

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## Ordering information

Cat No.	Product	Size
C108200	DirectGO PriMix	100
	2X PCR Master Mix	reactions

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