

GC-Platinum Power Taq PCR Master Mix

Features

- Suitable for plant genes
- **Wide-adaptability:** Can be applied to a variety of DNA templates from different species, different types and different GC content
- **High speed:** For simple samples, the amplification speed can reach 5s/kb, and for complex samples the amplification speed can reach 15-30 s/kb
- **High Fidelity:** Has certain degree of fidelity (6.5 times of Taq enzyme).
- **High Sensitivity:** GC-Platinum as a detection sensitivity of 1 ng -10 ng for complex templates such as animal or plant gDNA.

Product	Cat.	Size	Note
GC-Platinum Power Taq PCR 2X Master Mix	FS-T-1642-10	10 ml	without dye
GC-Platinum Power Taq PCR 2X Master Mix Blue Dye	FS-T-1641-5	5 ml	with dye

Wide-adaptability



GC-Platinum Power Taq PCR Master Mix
23 primers



Vendor A 17 primers



Vendor B 19 primers



Vendor C 14 primers

1-2:Human gDNA ; 3-4:Rat gDNA ; 5-6:Mouse gDNA ; 7-8:Wheat gDNA ; 9-10:Rice gDNA ;
11-12:Human cDNA ; 13-14:plant cDNA ; 15-16:high GC DNA (62.7%-78.1%) ; 17-18:high AT DNA
(59%-77%) 19-20:Arabidopsis gDNA ; 21-22:Lambda DNA ; 23-24:Corn gDNA

Use 24 pairs of representative primers for amplification to compare the amplification success rate of PowerPol and other competing products

Conclusion: GC-Platinum Power Taq PCR Master Mix can successfully amplify 23 pairs of the 24 primers, and the amplification success rate is significantly higher than other competing products.

Per ordini e/o offerte contattare: Società Italiana Chimici

Tel: +39 06 8818936 – 8800211 Email: offerte@sichim.com