

Accuris™ Taq Plus DNA Polymerase and Master Mix



- **Higher fidelity for long PCR amplicons, up to 35kb**
- **Ideal for problematic templates**
- **Better sensitivity and higher activity for low copy and long PCR**
- **Enzyme of choice for TA cloning**

Accuris Taq Plus demonstrates high processivity even in the presence of crude lysates. The gel image shows amplification of an 850bp fragment of human chromosome with stretches of problematic AT and GC rich content. The first three lanes show the PCR product of amplification of 50ng, 5ng and 2.5ng amplified in the presence of crude lysate. The three right most lanes show the same amplification without the crude lysate.



Accuris Taq Plus DNA Polymerase, an optimized blend of our Hot Start Taq and a proofreading polymerase, provides up to 5x better fidelity than standard Taq and increased enzyme activity. It is the perfect choice for GC and AT rich templates, low copy number and long PCR. The mixture of 5'-3' polymerase activity and 3'-5' exonuclease activity produces fragments suitable for TA cloning. Accuris Taq Plus is provided with a 5X buffer with dNTPs or in a convenient one tube 2X Master Mix.

Item No.	Description	Volume
PR1000-TP-250	Accuris Taq Plus DNA Polymerase	250u (5u/μl)
PR1000-TP-500	Accuris Taq Plus DNA Polymerase	1000u (5u/μl)
PR1001-TP-200	Accuris 2x Taq Plus Master Mix	200 x 50μl Reactions
PR1001-TP-1000	Accuris 2x Taq Plus Master Mix	1000 x 50μl Reactions