

Accuris™ Hot Start Taq DNA Polymerase and Master Mix



- **Exceptional sensitivity for low copy PCR**
- **Ideal for multiplex PCR and amplification of GC-rich DNA**
- **Same enhanced features as Accuris Taq Polymerase**
- **Buffer optimized for fast cycling and reproducibility**

Gel image shows exceptional sensitivity of Accuris Hot Start Taq Polymerase with 405bp plant mitochondrial DNA. Amplification was performed with decreasing amounts of starting material, from 500ng to 31.25ng.



Engineered for controlled polymerase activity, Accuris Hot Start Taq DNA Polymerase is bound with a monoclonal antibody that blocks enzyme activity. This allows reactions to be set up at room temperature without the risk of non-specific amplification. When samples are ready, the reaction mixture is heated to 95°C to denature the antibody and initiate the reaction. Similar to the standard Accuris Taq, Hot Start Taq is provided with a 5X buffer, or in a ready to use 2X Master Mix. The Master Mix can be ordered with or without a red gel loading dye. Researchers preferring a chemically modified Hot Start polymerase, should order Accuris Hot Start ChemMod.

Item No.	Description	Size
PR1000-HS-500	Accuris Hot Start Taq DNA Polymerase	500u (5u/μl)
PR1000-HS-1000	Accuris Hot Start Taq DNA Polymerase	1000u (5u/μl)
PR1000-HS-6000	Accuris Hot Start Taq DNA Polymerase	6000u (5u/μl)
PR1001-HS-200	Accuris Hot Start 2x Taq Master Mix	200 x 50μl Reactions
PR1001-HS-1000	Accuris Hot Start 2x Taq Master Mix	1000 x 50μl Reactions
PR1001-HSR-200	Accuris Hot Start 2x Taq Red Master Mix	200 x 50μl Reactions
PR1001-HSR-1000	Accuris Hot Start 2x Taq Red Master Mix	1000 x 50μl Reactions
PR1000-CM-500	Accuris Hot Start ChemMod Taq	500u (5u/μl)
PR1000-CM-1000	Accuris Hot Start ChemMod Taq	1000u (5u/μl)
PR1000-CM-6000	Accuris Hot Start ChemMod Taq	6000u (5u/μl)