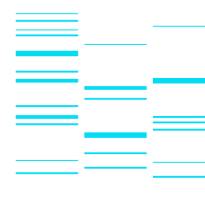


Azura HS Taq Mixes



Unparalleled Specificity in End-Point PCR

Azura 2x HS Taq Mix is a ready-to-use master mix optimized for market-leading specificity with a wide range of DNA templates including difficult GC-rich targets. The high-performance 2x formulation is comprised of Azura HS Taq polymerase, hot-start antibodies, a proprietary PCR enhancer, and reaction buffer with optimal levels of dNTPs and $MgCl_2$.

The highly advanced Azura 2x HS Taq Red Mix chemistry allows fast cycling conditions to be used with greater efficiency and reproducibility. In addition, the ready-to-use mix contains an inert red dye and high-density additive which allows samples to be loaded directly in agarose gels without additional gel loading or tracking dyes. The red dye migrates at the rate of 600 bp and 350 bp DNA in 1% and 2% TAE agarose gels respectively.

Azura Genomics also offers a colorless version of the master mix, Azura 2x HS Taq Mix, and separate components of HS Taq Polymerase, ultra-pure dNTPs and 5x reaction buffer in order to provide flexibility to accommodate existing protocols.

Applications

- Genotyping
- Colony PCR
- Low-copy number PCR
- Fast PCR

Universal

Robust hot-start amplification across a wide range of DNA templates including GC-rich regions

Convenience of Minimal Optimization

Simply replace your existing 2x hot-start mix or polymerase

Flexibility

Available as ready-to-use 2x mix format or separate components

Versatility

High-performance amplification of complex GC-rich and bisulfite-modified DNA samples

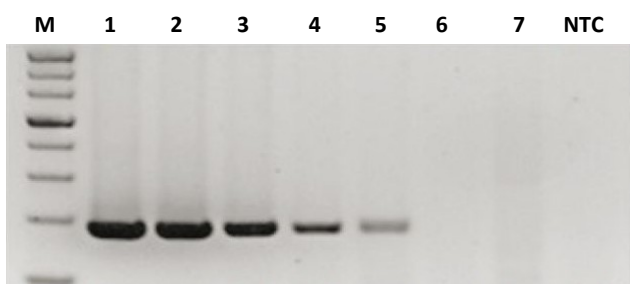


Fig 1. Azura HS Taq Polymerase successfully amplifies bisulfite modified DNA.

Azura HS Taq Polymerase provides exceptional sensitivity even with complex, bisulfite modified uracil - containing DNA (390 bp PCR fragment). Lanes 1– 5 respectively: 500 ng, 250 ng, 125 ng, 62.5 ng and 31.25 ng bisulfite modified human genomic DNA incubated with 1 unit Azura HS Taq Polymerase.

Products	Pack Size	Catalog No.
Azura 2x HS Taq Red Mix	200 Reactions / 4 x 1.25 mL	AZ-1622
Azura 2x HS Taq Red Mix	1000 Reactions / 20 x 1.25 mL	AZ-1625
Azura 2x HS Taq Red Mix	2000 Reactions / 10 x 5 mL	AZ-1626
Azura 2x HS Taq Mix	200 Reactions / 4 x 1.25 mL	AZ-1602
Azura 2x HS Taq Mix	1000 Reactions / 20 x 1.25 mL	AZ-1610
Azura 2x HS Taq Mix	2000 Reactions / 10 x 5 mL	AZ-1620
Azura HS Taq DNA Polymerase	500 U (5 U/ μ L)	AZ-1505
Azura HS Taq DNA Polymerase	1000 U (5 U/ μ L)	AZ-1510
Azura HS Taq DNA Polymerase	5000 U (5 U/ μ L)	AZ-1550

Email: info@azuragenomics.com | Orders: sales@azuragenomics.com | Toll Free: 888-333-3895

azuragenomics.com