

# SmartMix™ HM:

Simple, stable, easy to use lyophilized PCR master mix bead.



## Simple. Stable. Easy to use.

SmartMix™ HM is a lyophilized master mix bead that provides all necessary reagents to perform PCR in a stable, easy to use format. SmartMix HM is optimized for single target and multiplexed real-time PCR reactions. Cepheid's SmartMix HM, manufactured under cGMP, also delivers increased stability and extended shelf life. By reducing pipetting steps, SmartMix HM helps reduce human errors and decrease the risk for contamination.

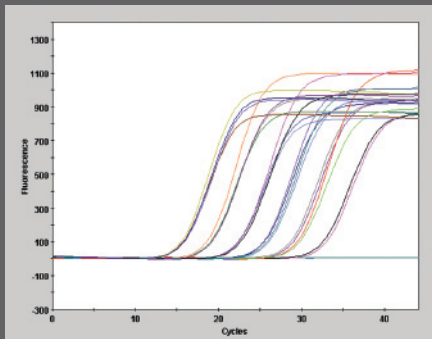


## Performance

SmartMix HM is consistently reproducible over a broad range of target concentrations. (See screenshot at bottom)

### Increase lab efficiency and reduce contamination

- Reduces risk of contamination with stable lyophilized bead
- Reduces human error with minimal pipetting steps
- Manufactured under cGMP
- Contains a hot start enzyme
- No heat activation required



Dilution series of HSV DNA on the SmartCycler® System using SmartMix HM.

## Inside the SmartMix™ HM bead

Taq Enzyme

HEPES Buffer



dNTPs

MgCl<sub>2</sub>

The purchase of this product allows the purchaser to use it for amplification of nucleic acid sequences for human *in vitro* diagnostics. No general patent or other license of any kind other than this specific right of use from purchase is granted hereby.

This product is made using components produced and licensed by Eppendorf AG. The purchase price of this product includes limited, nontransferable rights to use only this amount of the product to practice the method for reversible inhibition of thermostable polymerases as claimed in US Patent No. 6,667,165.

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Sample in. Answer out.™