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Product Datasheet

LAMP Discovery Pack #7003

Product Name	LAMP Discovery Pack
Catalog Number	#7003
Description	Discover Your Ideal LAMP Solution – All in One Bundle The LAMP Discovery Pack is designed for researchers and assay developers exploring rapid, robust isothermal amplification workflows. This bundle includes three of our most effective LAMP reagents, ideal for evaluating performance across different assay formats, all at 30% off the list price. Included in the LAMP Discovery Pack: 1. Isotherm3G DNA Polymerase, an engineered polymerase capable of simultaneous reverse transcription and LAMP amplification in a single step, allowing streamlined LAMP and RT-LAMP workflows. It includes a heat-activation feature which enables roomtemperature setup without need for ice and reduces unspecific reactions. 2. Fast Bst Polymerase Hot-Start, our go-to enzyme for standard LAMP protocols. This hot-start Bst polymerase offers excellent amplification speed, robust performance, and easy integration into existing workflows, perfect for DNA-targeted LAMP reactions. The heat-activation feature allows room temperature setup without need for ice and reduces unspecific reactions. 3. Fast Bst RT Mix, a well-balanced mix for RT-LAMP applications, combining Bst polymerase with reverse transcriptase for reliable RNA detection. This formulation offers a more traditional two-enzyme approach than Isotherm3G, making it ideal for comparison and optimization. Whether you're developing point-of-care diagnostics, simplifying RNA detection, or refining isothermal workflows, this pack gives you the flexibility to test, compare, and identify the best-performing reagent for your needs, without the cost or hassle of sourcing each product separately.
Tested Applications	End-Point, Real-Time, Lyophilized
Brand	Medix Biochemica
Storage	-20°C
Content	Isotherm3G DNA Polymerase (1,600 Units) - #8701S Fast Bst Polymerase Hot-Start (1,600 Units) - #8201S Fast Bst RT Mix (100 Reactions) - #8601S