

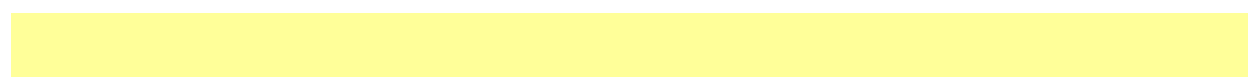


Certificate of Analysis

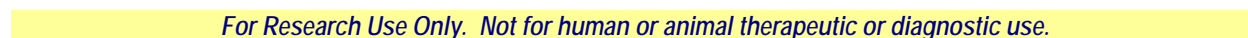
Invitrogen and Applied Biosystems
are now by Life Technologies

10X PCR Gold Buffer & 25 mM MgCl₂, 2 x 75 mL

Part No.: 4379874
Lot No.: 1205033
Expiration Date: 30 Nov 2012



COMPONENT	TEST	RESULT
10X PCR GOLD BUFFER Each Bulk Lot of 10X PCR Gold Buffer is subjected to following test:	Amplification of 10 copies of HIV-1 Positive Control DNA results in a 142 base pairs PCR Product band Method: PCR Functional Assay	Pass
25 mM MgCl₂ Each Bulk Lot of 25 mM MgCl ₂ is subjected to following tests:	Concentration: Specification: 22.5 – 27.5 mM	Pass
	At least 1.5X10⁵ fold amplification of Lambda DNA after 25 cycles Method: Amplification of Lambda DNA	Pass
	One PCR Product band at 500 base pairs is visualized on a gel Method: Amplification of Lambda DNA	Pass



For Research Use Only. Not for human or animal therapeutic or diagnostic use.

**ISO 9001:2008
ISO 13485:2003
REGISTERED**

Austin, TX

Quality Assurance Manager

To obtain a Certificate of Analysis on-line go to www.lifetechnologies.com or email us at cofarequest@lifetech.com