

7500 Real-Time PCR System

Cat. No. 4351104

Thermo Fisher Scientific conducted experiments following the guidance provided by the DNA Advisory Board (DAB) Quality Assurance Standards and guidelines from the Scientific Working Group on DNA Analysis Methods (SWGDM December, 2012) to validate the Applied Biosystems™ 7500 Real-Time PCR System with HID Real-Time PCR Analysis Software v1.1 or v1.2 (“7500 system”) for use in forensic applications using the Applied Biosystems™ Quantifiler™ Human, Quantifiler™ Y Human Male, Quantifiler™ Duo, Quantifiler™ HP, and Quantifiler™ Trio DNA Quantification Kits. Thermo Fisher Scientific has validated the 7500 system, using Quantifiler™ kits, for use in human identification testing for databasing, casework, and paternity applications.

Each laboratory using the 7500 system should perform their own internal validation studies to establish interpretation criteria and demonstrate that the 7500 Real-Time PCR System with HID Real-Time PCR Analysis Software v1.1 or v1.2 is appropriate and fit for its own forensic use.

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