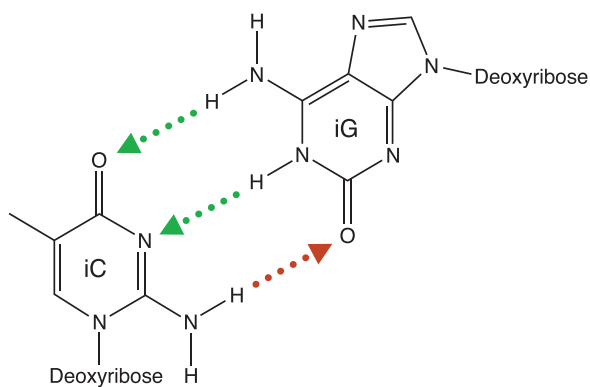


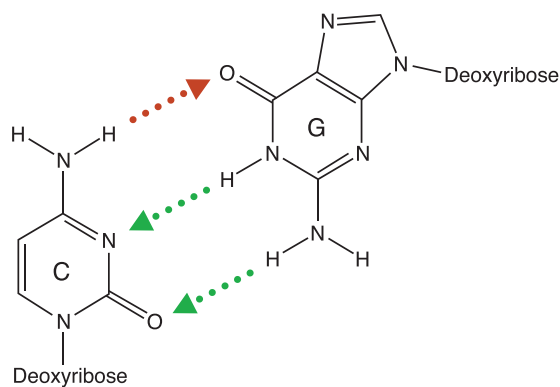
Acquired in June 2011 by Luminex Corporation, EraGen Biosciences is a biotechnology company located in Madison, WI, that develops, manufactures and markets innovative molecular products to clinical laboratories and medical researchers. The company's products are based upon its novel, patented MultiCode[®] chemistry, a flexible platform for both real-time PCR and multiplex PCR-based assays. These DNA and RNA-based products are the building blocks for the development of the next generation of nucleic acid-based testing. PCR-based assays are used for the early detection of infectious diseases and genetic based conditions.

MultiCode-RTx is a probe-free, real-time PCR technology. The technology is based on EraGen's patented MultiCode base pair, isoC:isoG. These bases hydrogen bond only with each other and are site-specifically incorporated during amplification. Superior molecular recognition between isobases combined with an elegant two primer system enables detection of almost any nucleic acid target.

MultiCode[®] Base Pair



Standard Base Pair

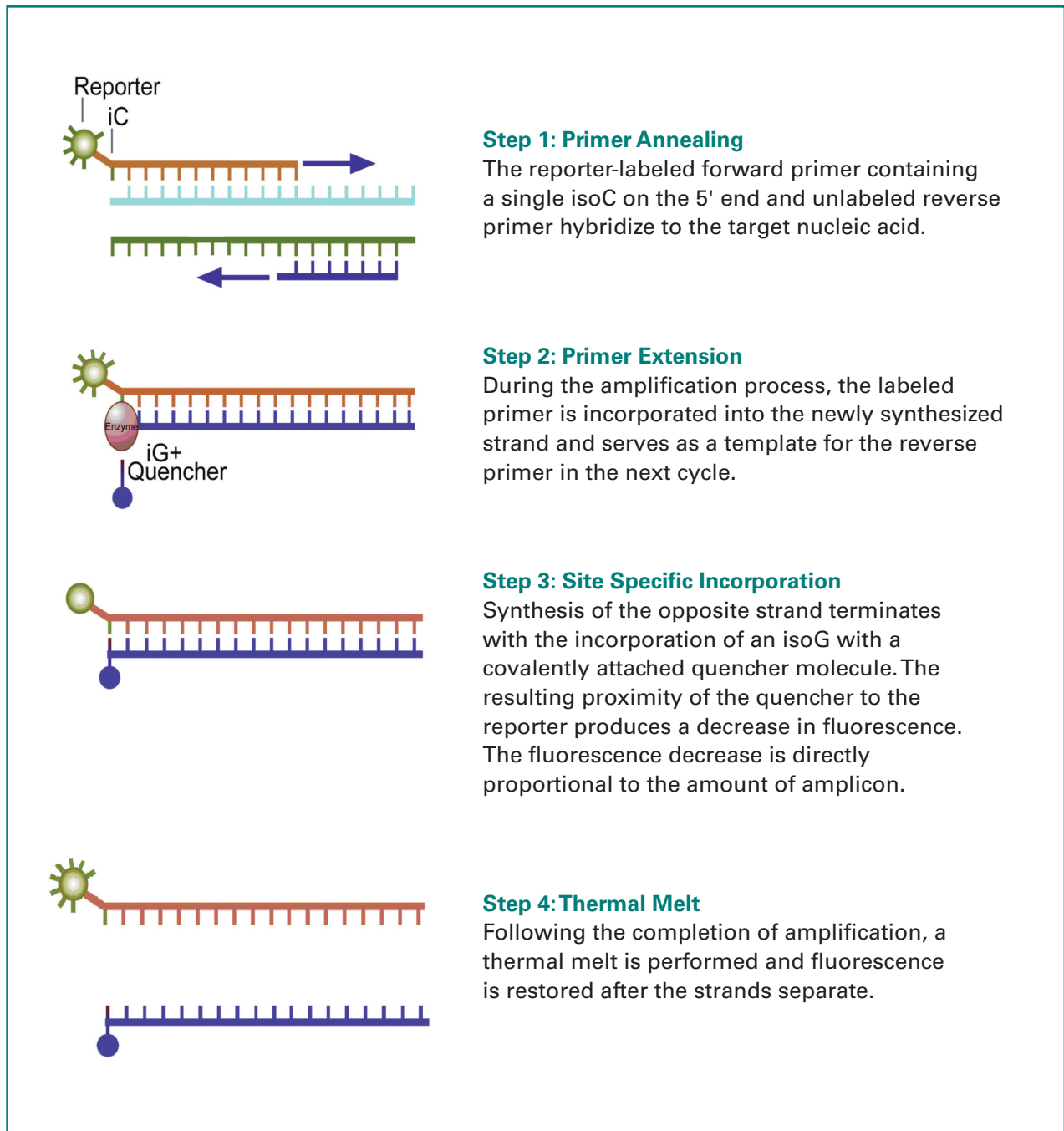


MultiCode-RTx can support single tube multiplex reactions and utilize controls to monitor the reaction. Primer pairs are designed to include a fluorescent reporter-labeled primer with an isoC on the 5' end and an unlabeled primer. Generally, target and control primers are labeled with FAM and HEX respectively.

Unique Features:

- Probe-free, real-time PCR technology provides reliable results with rapid turn around time.
- Universal cycling conditions and standardized reagents streamline assay workflow and simplify implementation.
- Compatible with most real-time PCR instrumentation.
- Melt curve analysis for confirmation of target amplification and detection of multiple analytes.
- Controls for monitoring extraction and amplification.

MultiCode®-RTx Technology



Amplification is performed and fluorescence is monitored on readily available real-time thermocyclers. Controls may be utilized to monitor extraction and amplification. The EraGen MultiCode-RTx Analysis Software* allows the user to import and analyze raw data generated from real-time instruments. The software also features the ability to generate custom reports.

Innovative Molecular Solutions • Exceptional Customer Support

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